

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112543.D
 Acq On : 13 Feb 2019 17:13
 Operator : JU/SJ
 Sample : K1343-29 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-O

Quant Time: Feb 14 04:11:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	110579	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	416673	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	171533	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	269091	20.00	ng	0.00
76) Chrysene-d12	14.02	240	238427	20.00	ng	0.00
87) Perylene-d12	15.50	264	164004	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	259153	49.78	ng	-0.01
7) Phenol-d6	6.49	99	338814	46.84	ng	0.00
23) Nitrobenzene-d5	7.40	82	200388	27.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	69671	34.89	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	382552	31.54	ng	-0.01
79) Terphenyl-d14	12.94	244	321531	25.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.62	93	370	0.043	ng	# 1
9) Benzaldehyde	6.61	77	6672	1.765	ng	# 84
10) Phenol	6.50	94	3985	0.502	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	370	0.059	ng	# 1
15) Benzyl Alcohol	6.99	79	3835	0.629	ng	# 44
18) Hexachloroethane	7.32	117	306	0.104	ng	# 1
19) n-Nitroso-di-n-propylamine	7.27	70	1205	0.242	ng	# 80
22) Acetophenone	7.23	105	5263	0.519	ng	# 57
24) Nitrobenzene	7.43	77	107	0.015	ng	# 37
25) Isophorone	7.40	82	200388	17.664	ng	# 64
26) 2-Nitrophenol	7.76	139	106	0.027	ng	# 1
28) bis(2-Chloroethoxy)methane	7.88	93	571	0.074	ng	# 1
29) 2,4-Dichlorophenol	7.95	162	122	0.021	ng	# 13
31) Naphthalene	8.14	128	17444	0.895	ng	# 92
33) 4-Chloroaniline	8.20	127	275	0.032	ng	# 1
35) Caprolactam	8.56	113	715	0.341	ng	# 1
36) 4-Chloro-3-methylphenol	8.69	107	437	0.069	ng	# 17
37) 2-Methylnaphthalene	8.83	142	10769	0.807	ng	# 90
38) 1-Methylnaphthalene	8.83	142	10769	0.842	ng	# 96
43) 2,4,6-Trichlorophenol	9.26	196	110	0.032	ng	# 6
44) 2,4,5-Trichlorophenol	9.26	196	110	0.030	ng	# 1
46) 1,1'-Biphenyl	9.30	154	7206	0.481	ng	# 90
47) 2-Chloronaphthalene	9.46	162	429	0.037	ng	# 1
48) 2-Nitroaniline	9.43	65	317	0.100	ng	# 1
49) Acenaphthylene	9.74	152	3833	0.225	ng	# 82
50) Dimethylphthalate	9.59	163	31913	2.395	ng	# 98
51) 2,6-Dinitrotoluene	9.59	165	907	0.304	ng	# 73
52) Acenaphthene	9.90	154	12849	1.262	ng	# 96
53) 3-Nitroaniline	9.82	138	613	0.190	ng	# 77
55) Dibenzofuran	9.92	168	3204	0.206	ng	# 94
56) 4-Nitrophenol	9.97	139	783	0.458	ng	# 1
57) 2,4-Dinitrotoluene	10.08	165	946	0.249	ng	# 44
58) Fluorene	10.43	166	18711	1.607	ng	# 89
60) Diethylphthalate	10.28	149	1560	0.118	ng	# 85

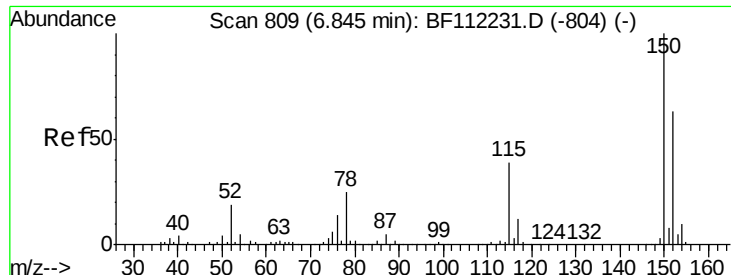
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Chlorophenyl-phenylether	10.33	204	142	0.022	ng	# 1
62) 4-Nitroaniline	10.30	138	2279	0.719	ng	87
63) Azobenzene	10.57	77	1175	0.101	ng	# 2
65) 4,6-Dinitro-2-methylphenol	10.69	198	106	0.070	ng	# 1
66) n-Nitrosodiphenylamine	10.52	169	6070	0.669	ng	# 62
67) 4-Bromophenyl-phenylether	10.67	248	4219	1.333	ng	# 1
69) Atrazine	11.07	200	1449	0.495	ng	77
71) Phenanthrene	11.39	178	212106	15.162	ng	98
72) Anthracene	11.44	178	54391	3.903	ng	97
73) Carbazole	11.60	167	22353	1.626	ng	# 88
74) Di-n-butylphthalate	11.91	149	1963	0.115	ng	# 43
75) Fluoranthene	12.59	202	232196	15.475	ng	98
77) Benzidine	12.71	184	193	0.029	ng	# 1
78) Pyrene	12.82	202	209216	12.674	ng	97
80) Butylbenzylphthalate	13.42	149	4081	0.511	ng	# 1
81) Benzo(a)anthracene	14.00	228	98381	7.019	ng	97
82) 3,3'-Dichlorobenzidine	13.96	252	359	0.068	ng	# 57
83) Chrysene	14.04	228	80660	6.029	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	2114	0.186	ng	# 60
85) Di-n-octyl phthalate	14.60	149	1628	0.093	ng	# 60
86) Indeno(1,2,3-cd)pyrene	17.01	276	28732	2.710	ng	95
88) Benzo(b)fluoranthene	15.07	252	103399	10.542	ng	# 87
89) Benzo(k)fluoranthene	15.07	252	103399	11.006	ng	# 87
90) Benzo(a)pyrene	15.44	252	53493	6.061	ng	# 89
91) Dibenzo(a,h)anthracene	17.00	278	7479	1.051	ng	# 45
92) Benzo(g,h,i)perylene	17.46	276	29103	4.337	ng	95

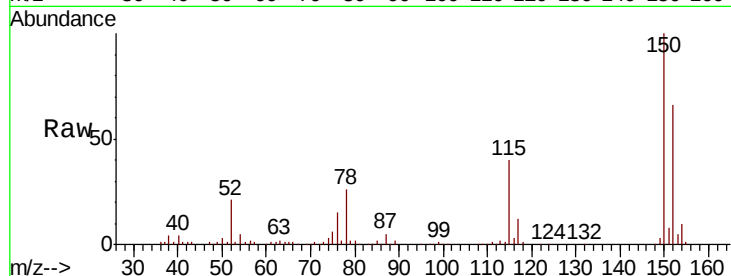
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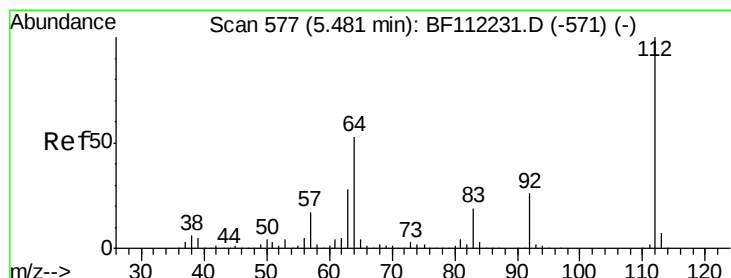
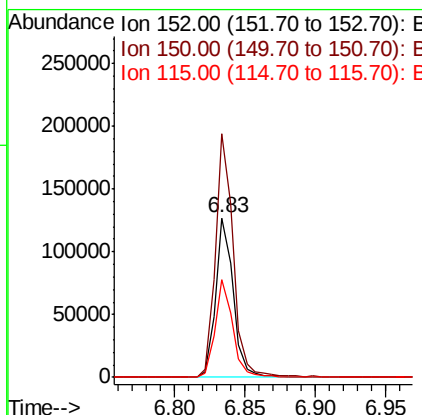
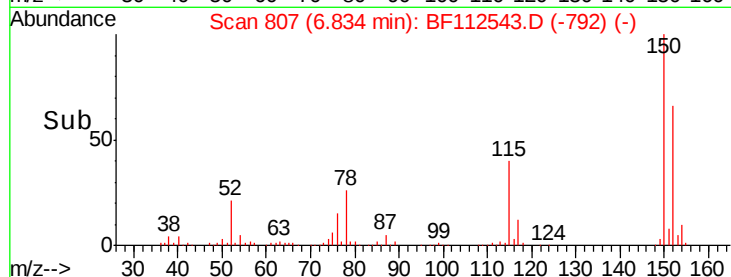
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-O

Tgt Ion:152 Resp: 110579
 Ion Ratio Lower Upper
 152 100
 150 152.6 127.4 191.0
 115 60.8 45.5 68.3

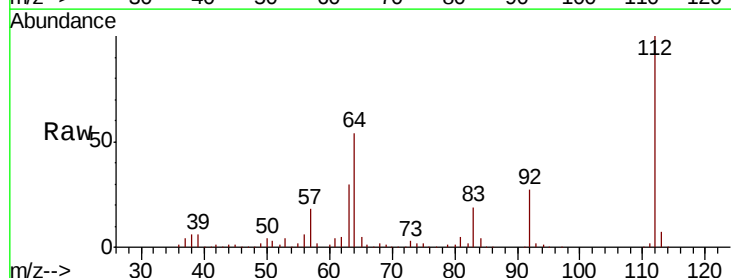


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

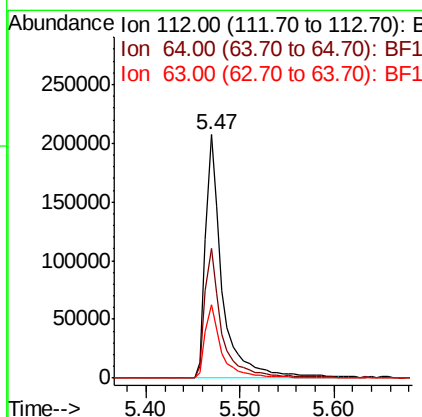
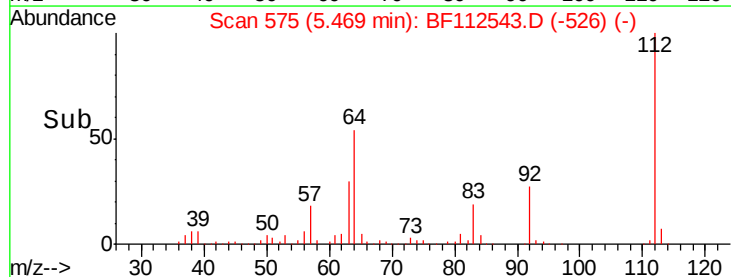


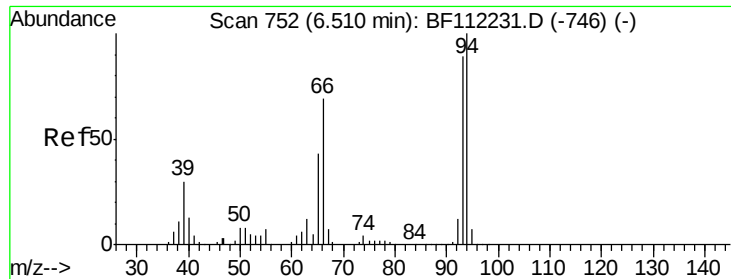
#5
 2-Fluorophenol
 Concen: 49.780 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

Tgt Ion:112 Resp: 259153
 Ion Ratio Lower Upper
 112 100
 64 53.5 45.7 68.5
 63 30.1 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.043 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.11 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

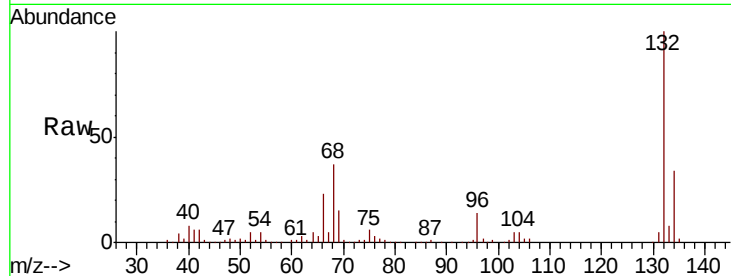
Tgt Ion: 93 Resp: 370

Ion Ratio Lower Upper

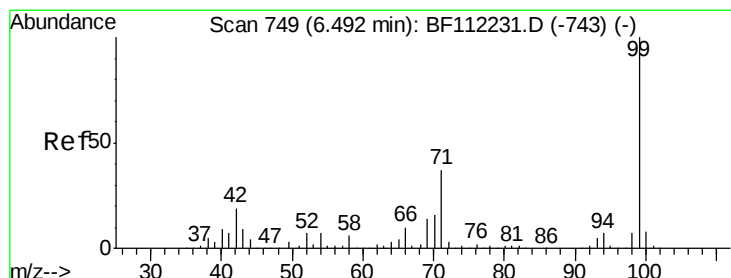
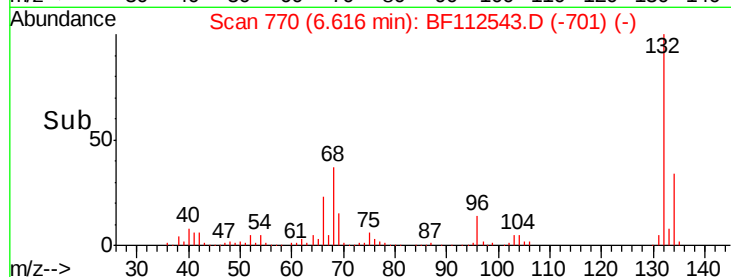
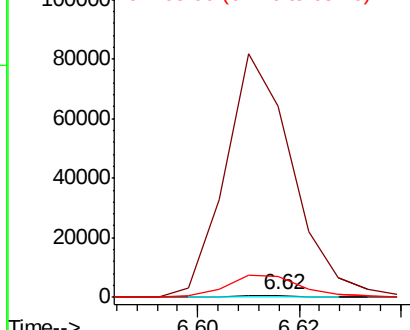
93 100

66 10461.3 43.4 65.2#

65 1139.3 25.3 37.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 46.836 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

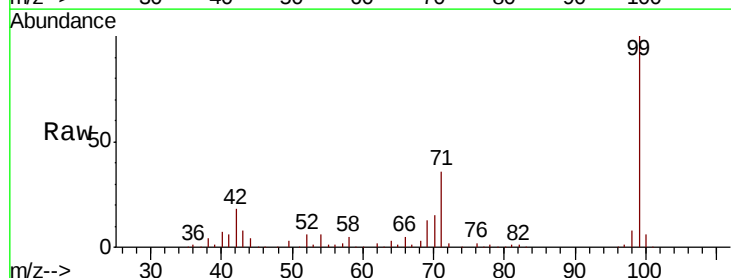
Tgt Ion: 99 Resp: 338814

Ion Ratio Lower Upper

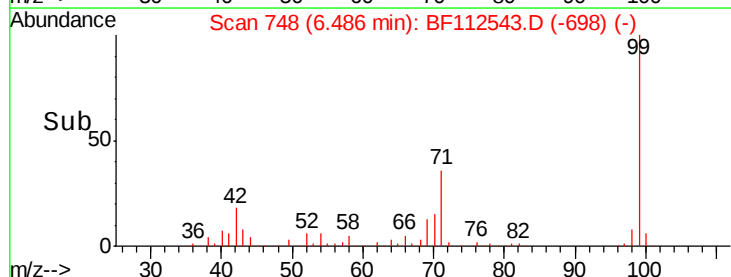
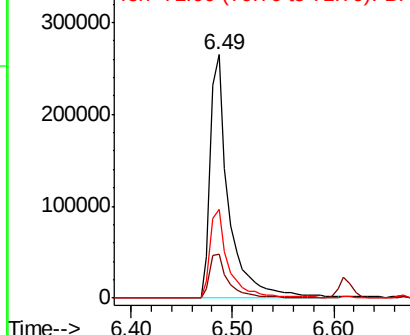
99 100

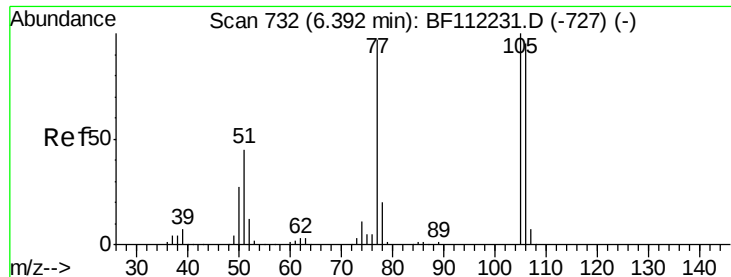
42 17.9 15.1 22.7

71 36.4 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 1.765 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.22 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Instrument :

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ClientSampleId :

JC-02-021119-O

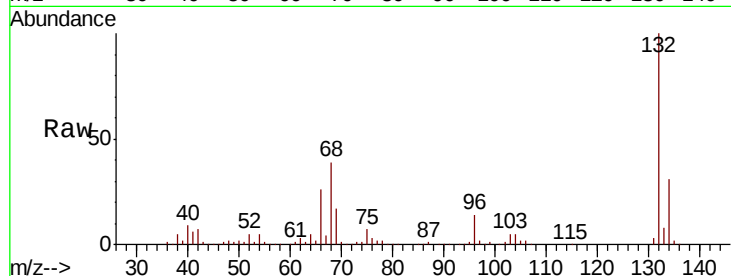
Tgt Ion: 77 Resp: 6672

Ion Ratio Lower Upper

77 100

105 87.6 80.8 120.8

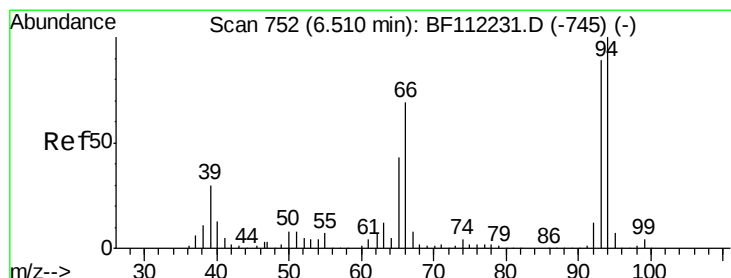
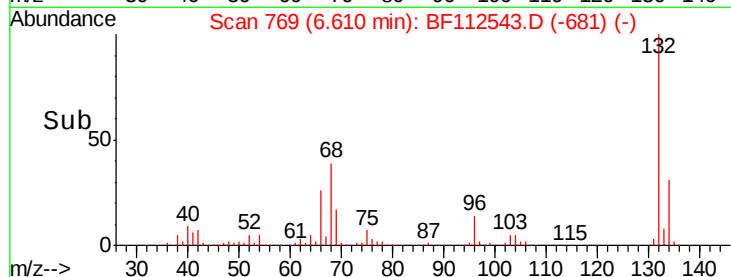
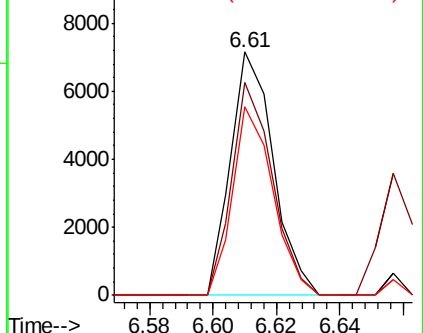
106 77.2 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.502 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

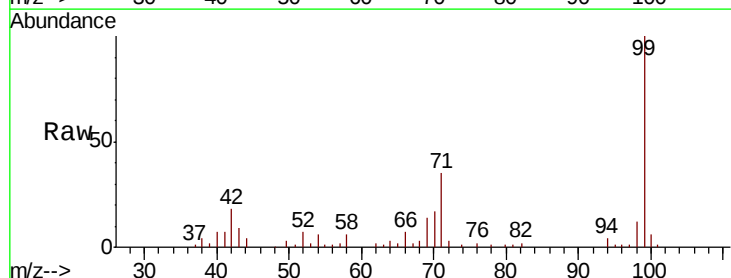
Tgt Ion: 94 Resp: 3985

Ion Ratio Lower Upper

94 100

65 60.4 20.3 60.3#

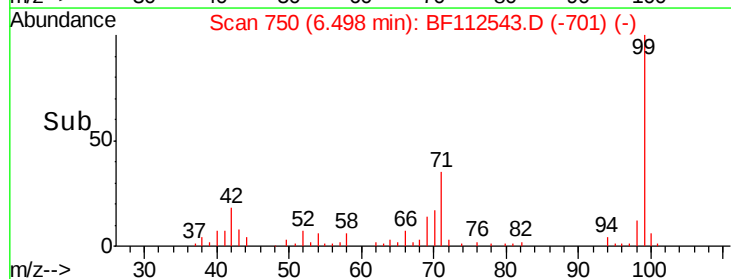
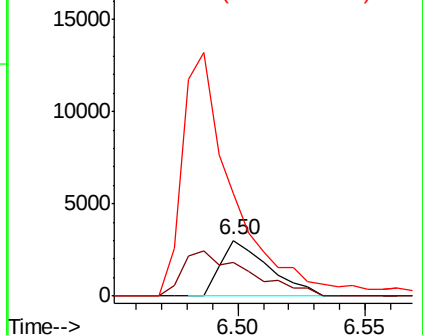
66 185.2 42.4 82.4#

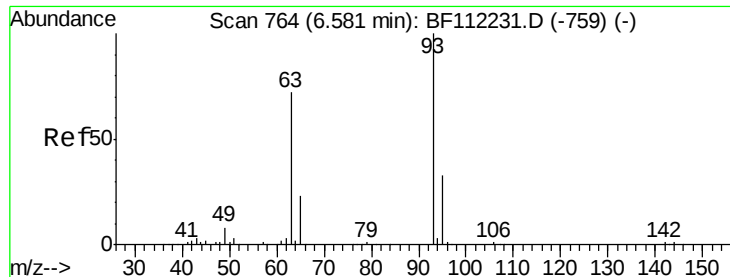


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

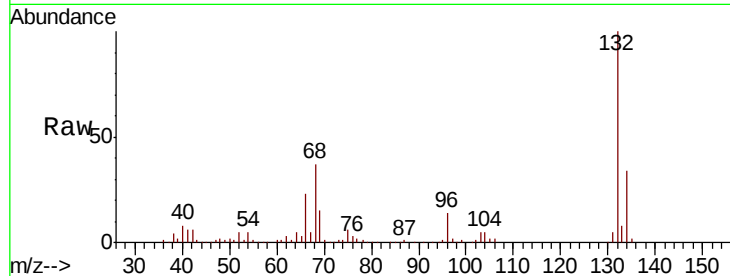




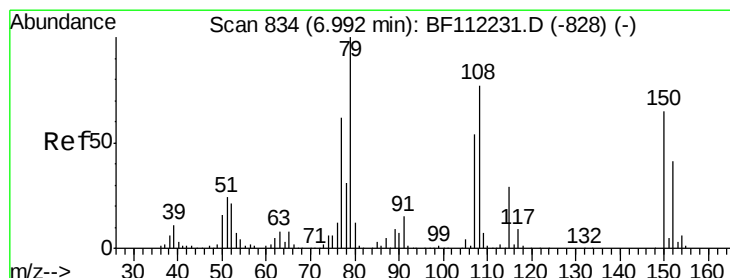
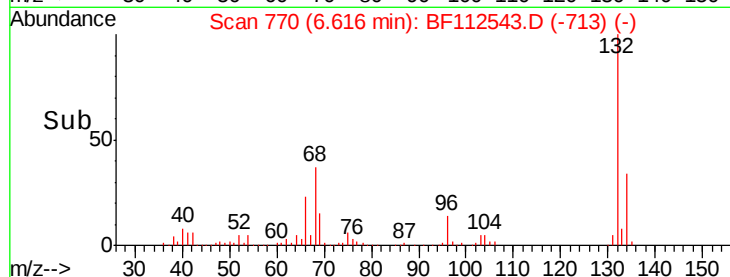
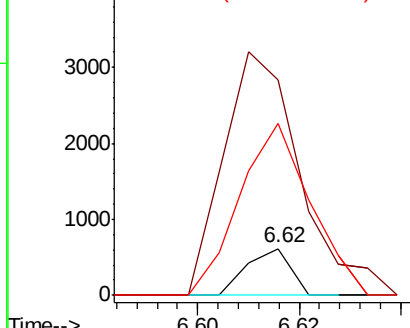
#11
bis(2-Chloroethyl)ether
Concen: 0.059 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.04 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Instrument :
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ClientSampleId :
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Tgt Ion: 93 Resp: 370
Ion Ratio Lower Upper
93 100
63 463.6 53.3 93.3#
95 369.7 13.4 53.4#

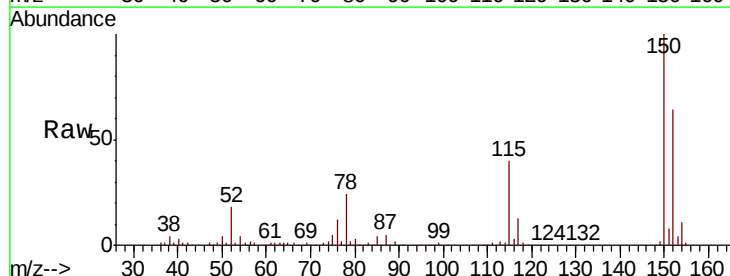


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

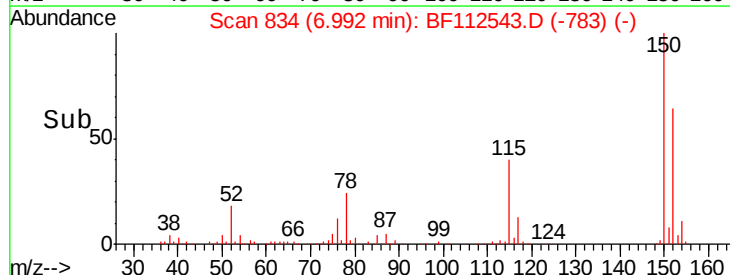
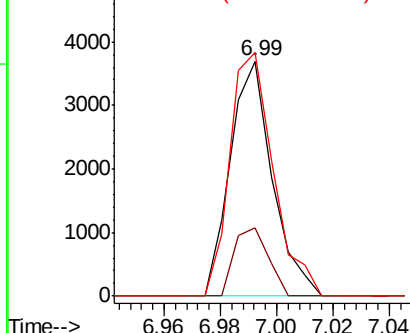


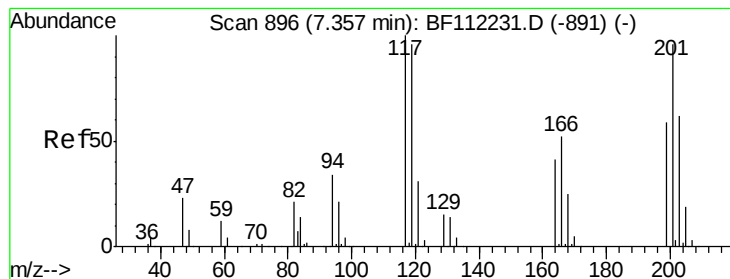
#15
Benzyl Alcohol
Concen: 0.629 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Tgt Ion: 79 Resp: 3835
Ion Ratio Lower Upper
79 100
108 29.2 64.2 96.2#
77 103.7 50.3 75.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1





#18

Hexachloroethane

Concen: 0.104 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.04 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

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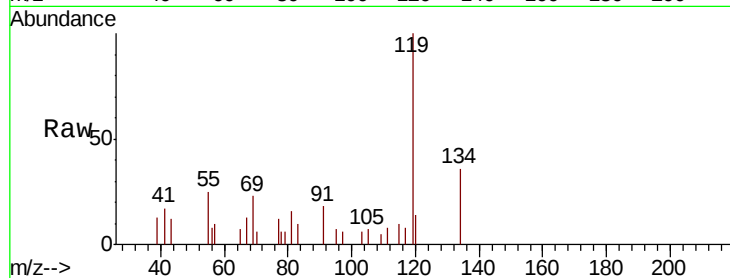
Tgt Ion:117 Resp: 306

Ion Ratio Lower Upper

117 100

119 1255.3 77.0 115.4#

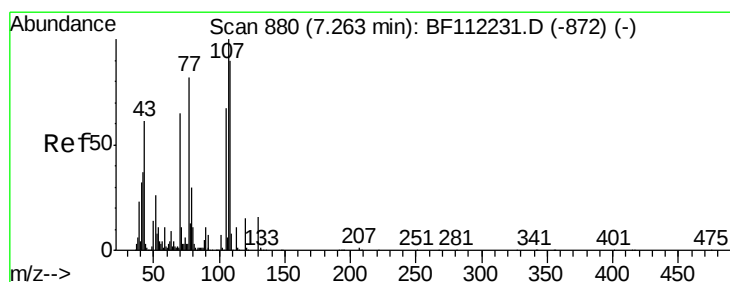
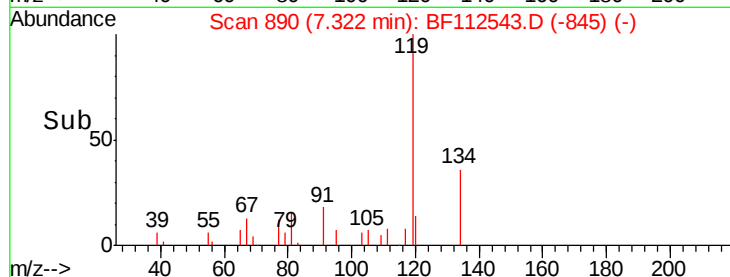
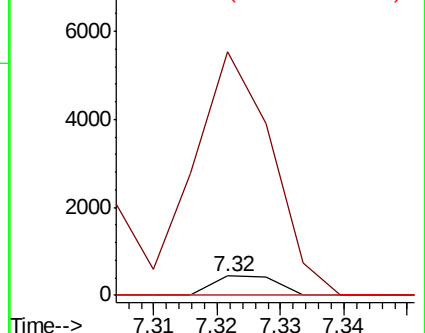
201 0.0 74.1 111.1#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 0.242 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Tgt Ion: 70 Resp: 1205

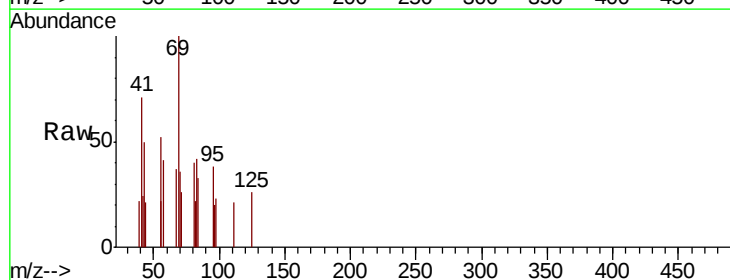
Ion Ratio Lower Upper

70 100

42 65.8 47.6 71.4

101 0.0 7.9 11.9#

130 0.0 18.4 27.6#

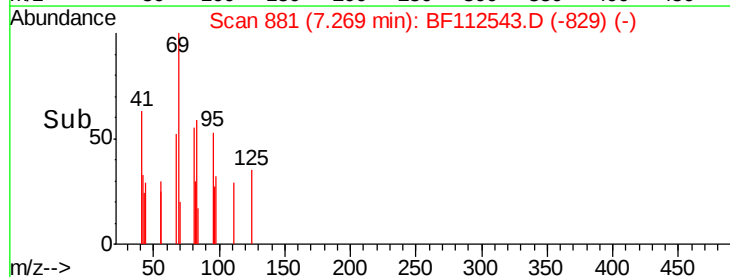
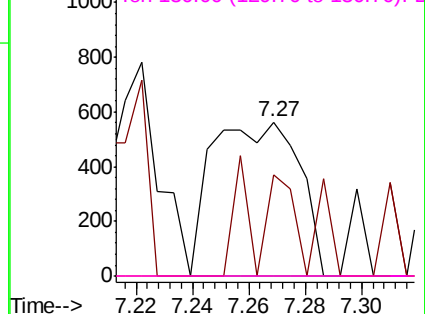


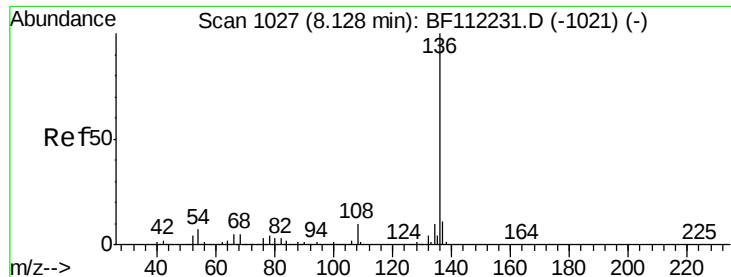
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

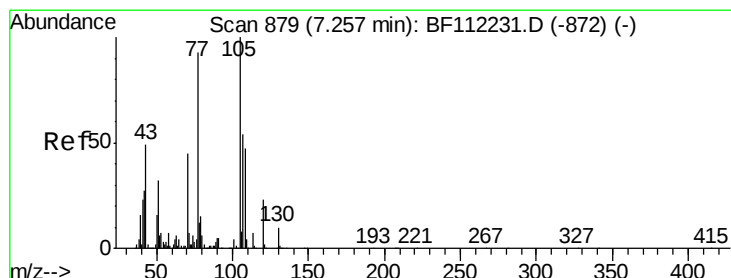
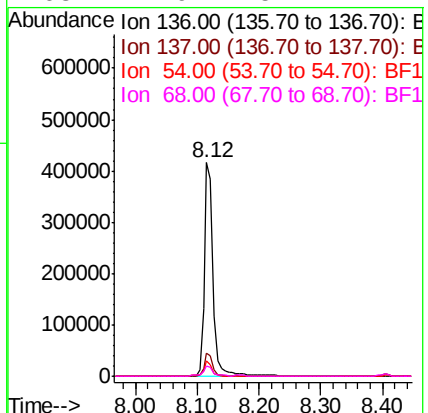
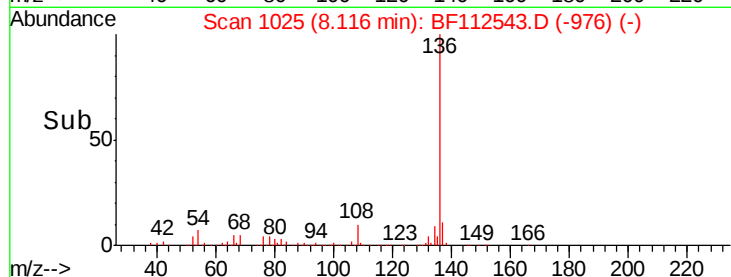
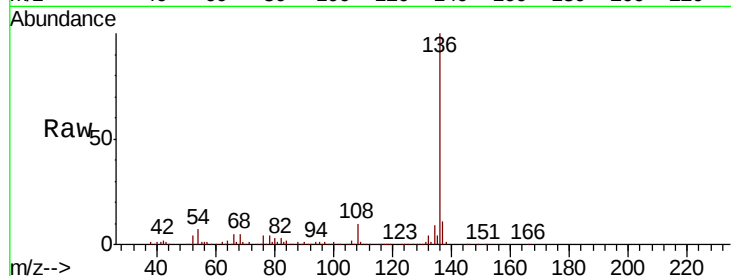




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

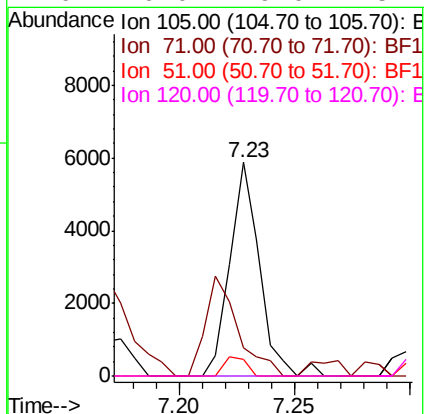
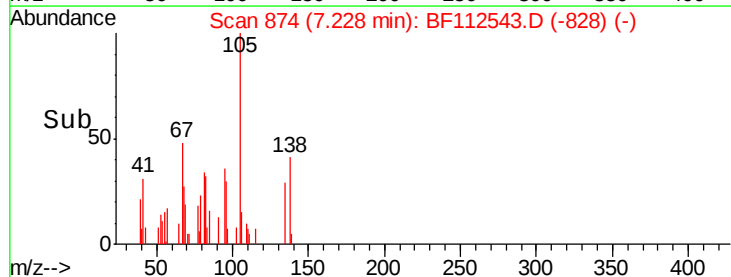
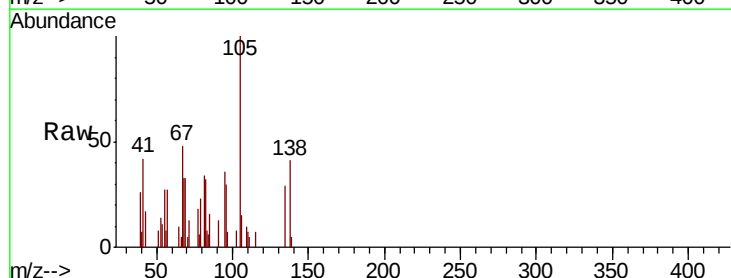
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

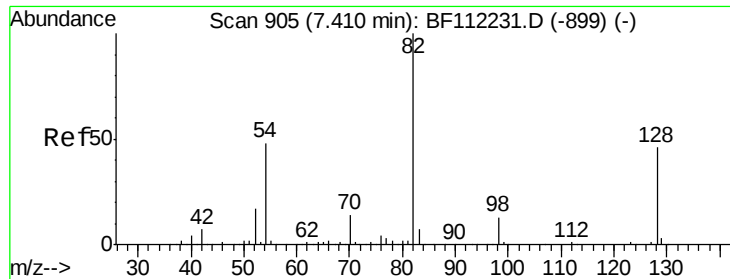
Tgt Ion:	136	Resp:	416673
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	7.0	5.9	8.9
68	4.9	5.1	7.7#



#22
Acetophenone
Concen: 0.519 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Tgt Ion:	105	Resp:	5263
Ion Ratio	Lower	Upper	
105	100		
71	13.5	4.6	6.8#
51	7.9	25.0	37.6#
120	0.0	19.0	28.4#

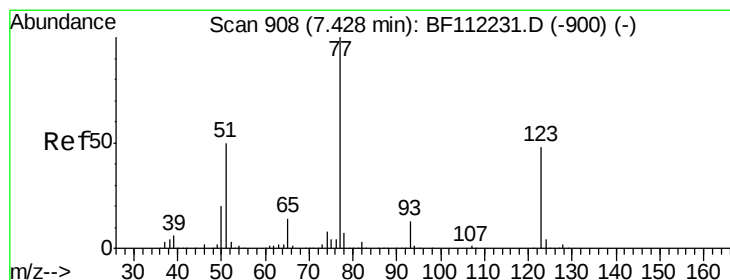
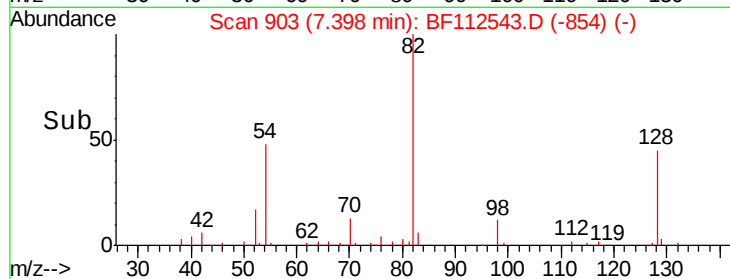
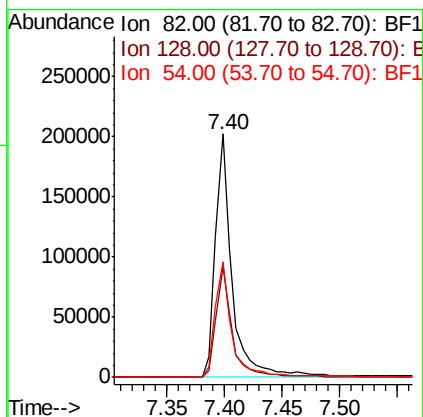
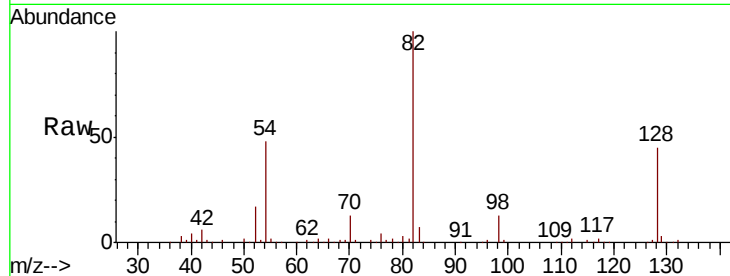




#23
 Nitrobenzene-d5
 Concen: 27.711 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

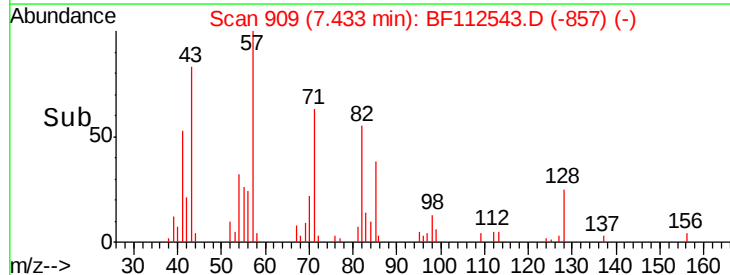
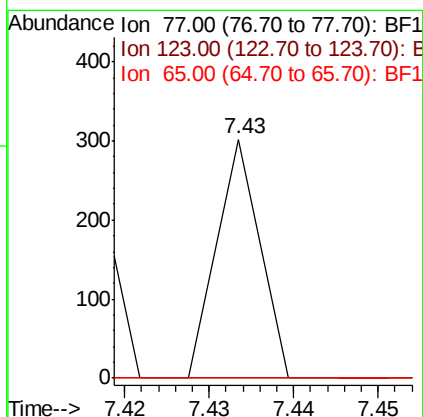
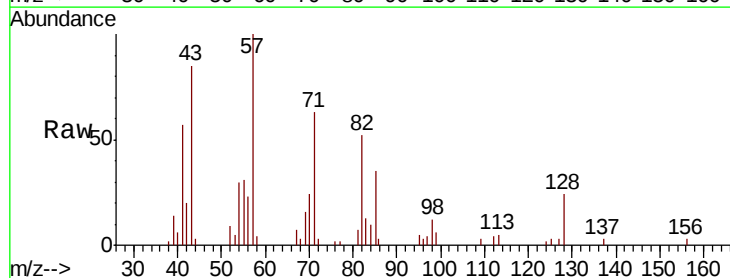
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-O

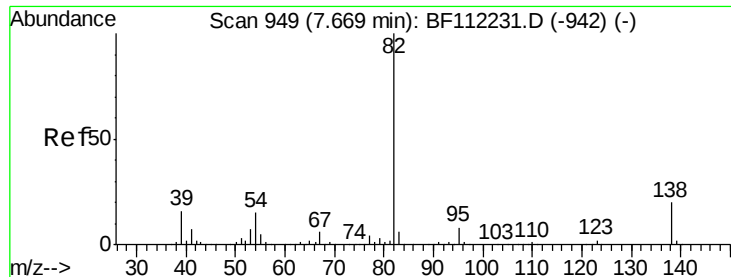
Tgt Ion: 82 Resp: 200388
 Ion Ratio Lower Upper
 82 100
 128 45.4 37.8 56.8
 54 47.5 39.7 59.5



#24
 Nitrobenzene
 Concen: 0.015 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

Tgt Ion: 77 Resp: 107
 Ion Ratio Lower Upper
 77 100
 123 0.0 38.4 57.6#
 65 0.0 10.6 15.8#





#25

Isophorone

Concen: 17.664 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

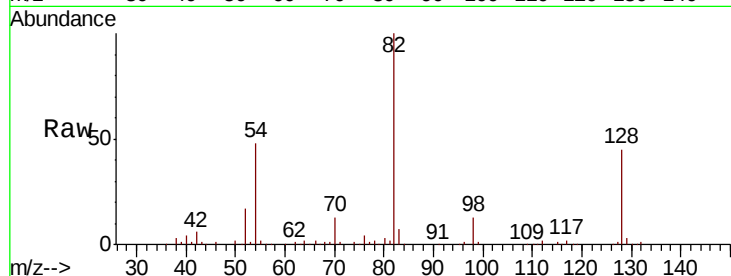
Tgt Ion: 82 Resp: 200388

Ion Ratio Lower Upper

82 100

95 0.3 5.7 8.5#

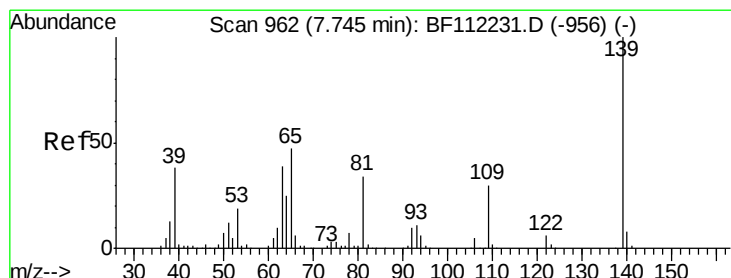
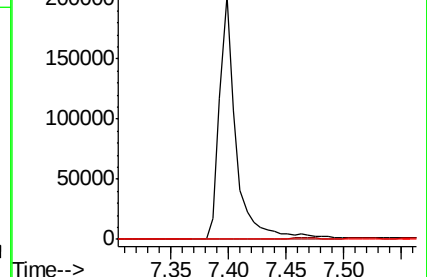
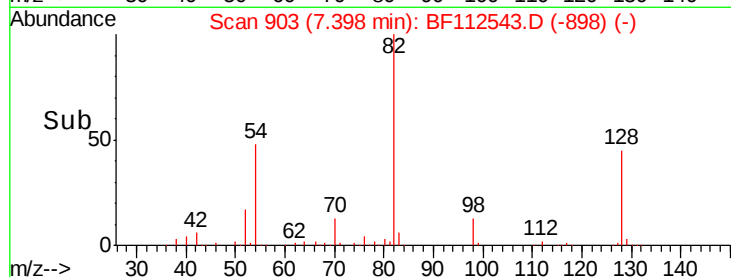
138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 0.027 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

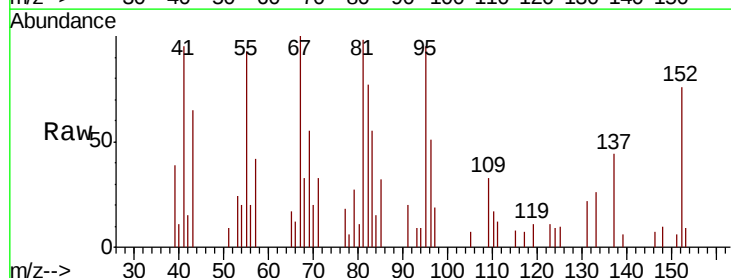
Tgt Ion: 139 Resp: 106

Ion Ratio Lower Upper

139 100

109 540.2 20.8 31.2#

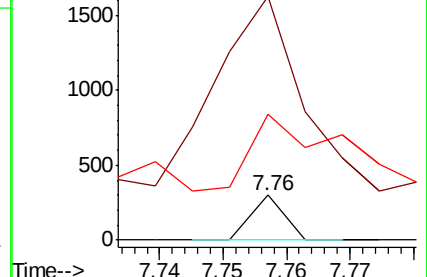
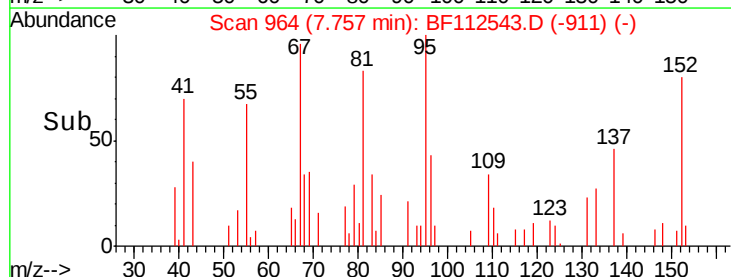
65 279.1 34.4 51.6#

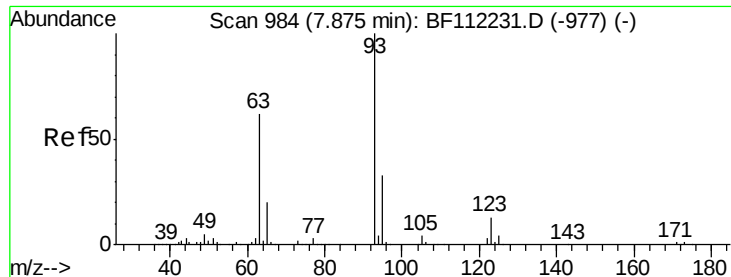


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

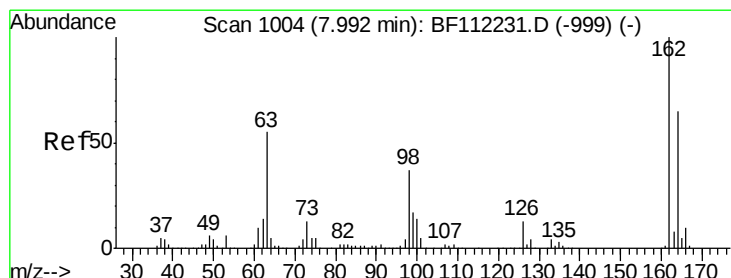
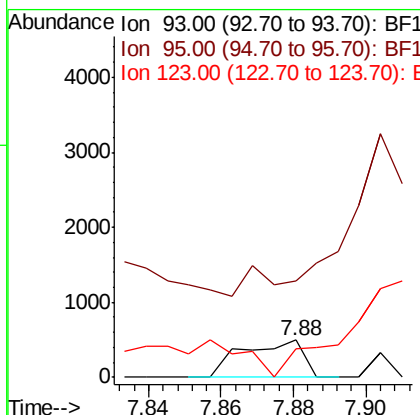
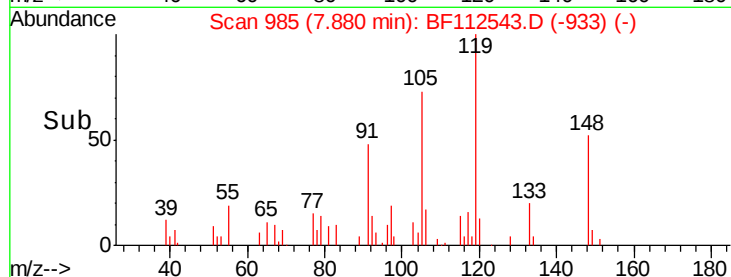
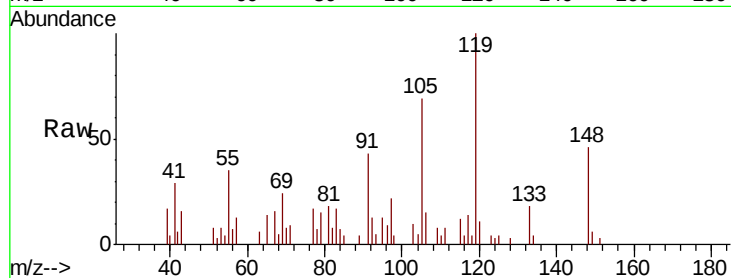




#28
bis(2-Chloroethoxy)methane
Concen: 0.074 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

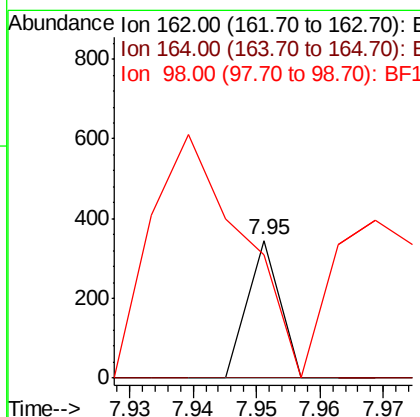
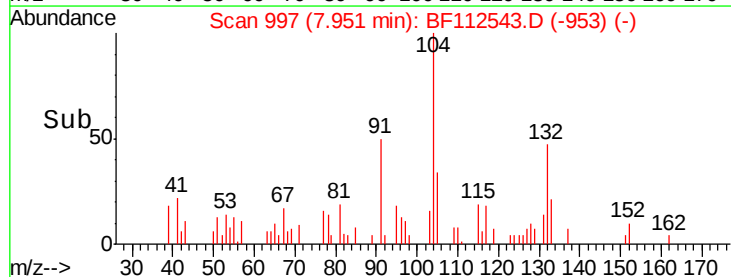
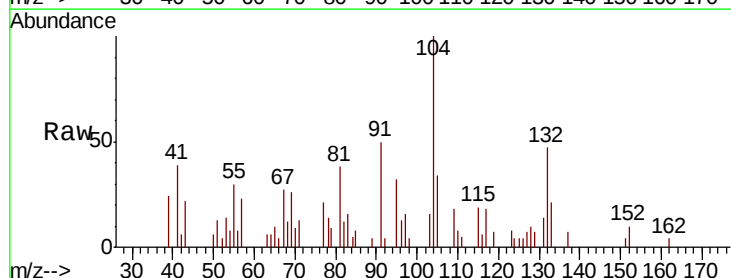
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

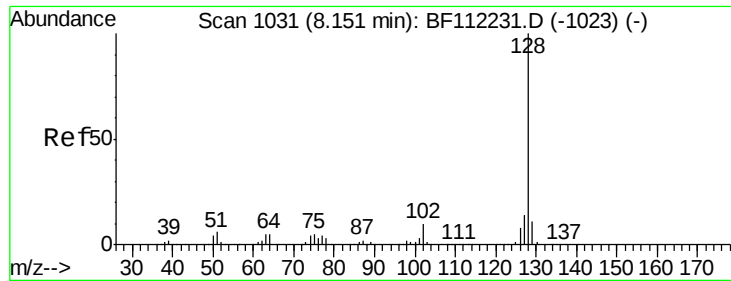
Tgt Ion: 93 Resp: 571
Ion Ratio Lower Upper
93 100
95 259.1 26.8 40.2#
123 77.0 10.2 15.2#



#29
2,4-Dichlorophenol
Concen: 0.021 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Tgt Ion: 162 Resp: 122
Ion Ratio Lower Upper
162 100
164 0.0 44.6 84.6#
98 89.3 14.6 54.6#

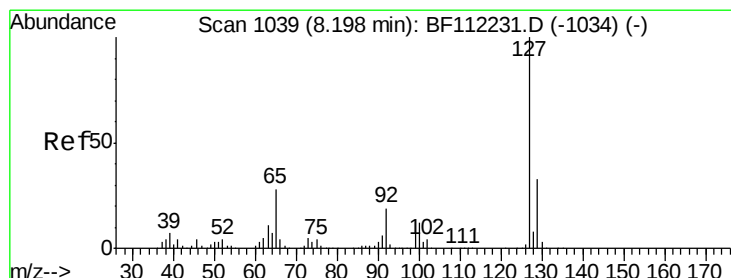
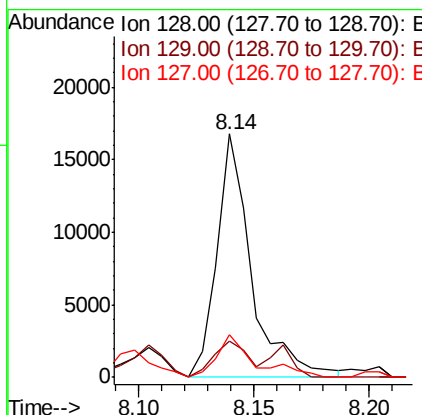
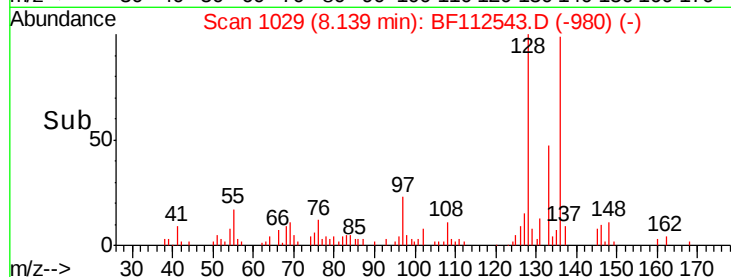
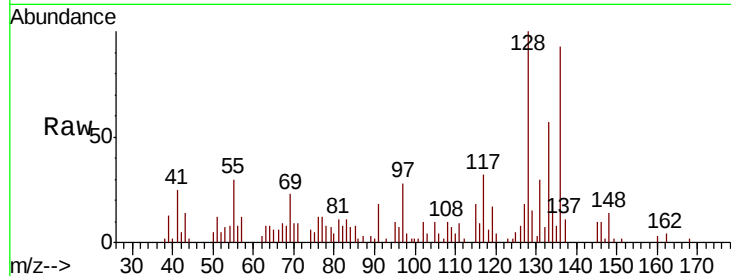




#31
Naphthalene
Concen: 0.895 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

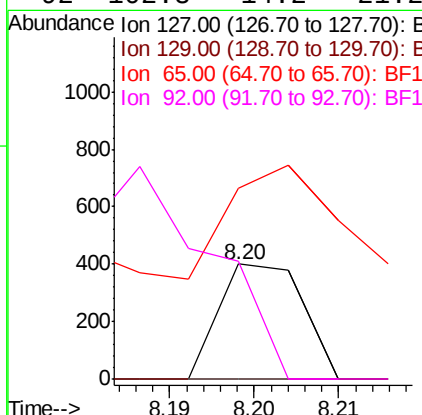
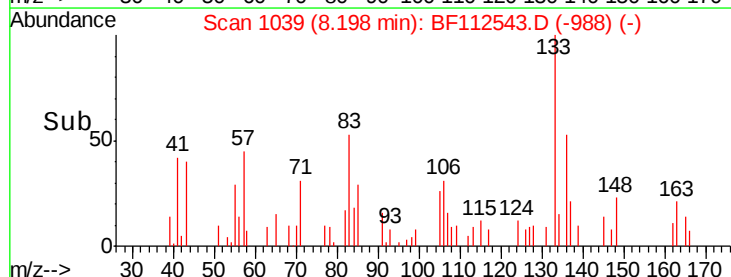
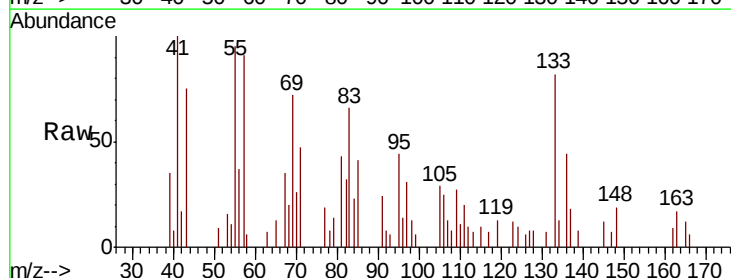
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

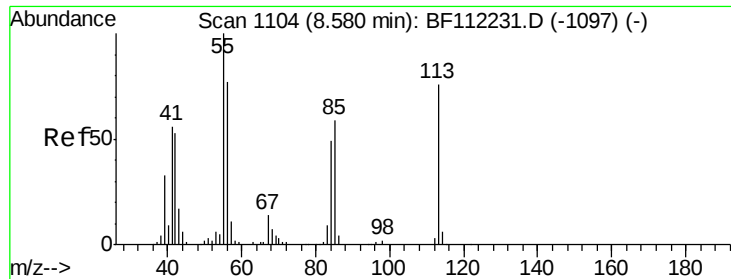
Tgt Ion:128 Resp: 17444
Ion Ratio Lower Upper
128 100
129 15.0 9.6 14.4#
127 17.6 11.1 16.7#



#33
4-Chloroaniline
Concen: 0.032 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Tgt Ion:127 Resp: 275
Ion Ratio Lower Upper
127 100
129 0.0 26.6 39.8#
65 166.5 21.4 32.2#
92 102.8 14.2 21.2#

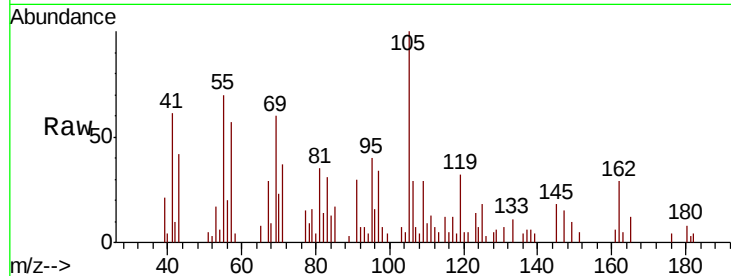




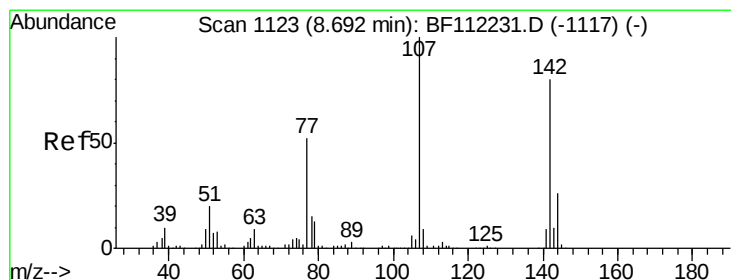
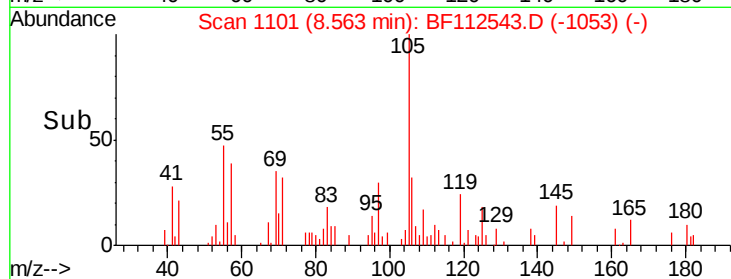
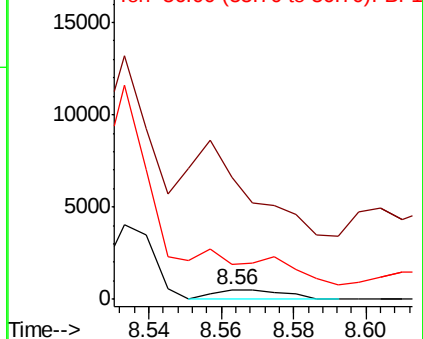
#35
 Caprolactam
 Concen: 0.341 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-O

Tgt Ion:113 Resp: 715
 Ion Ratio Lower Upper
 113 100
 55 1298.4 121.6 161.6#
 56 374.2 86.7 126.7#

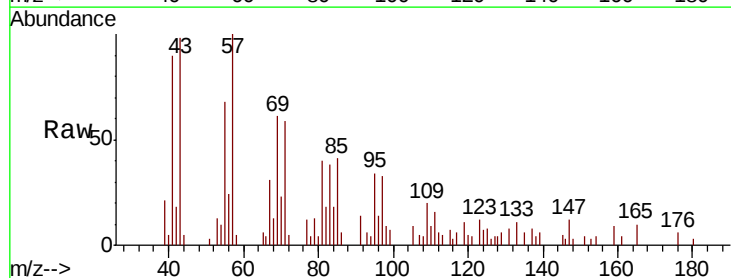


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

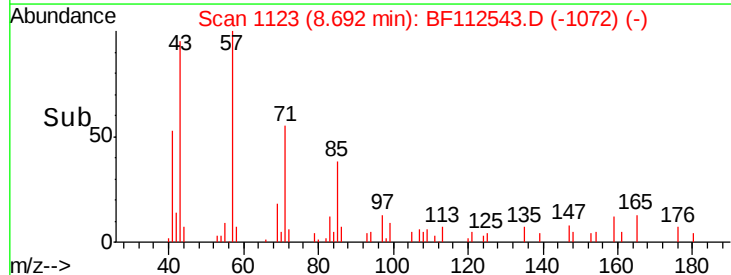
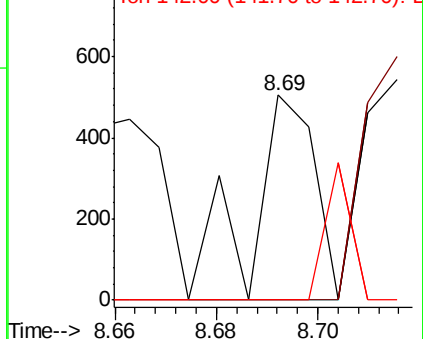


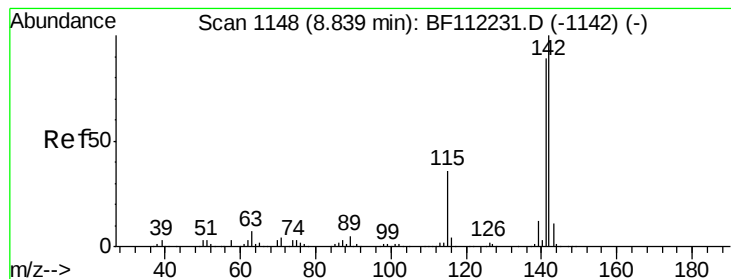
#36
 4-Chloro-3-methylphenol
 Concen: 0.069 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

Tgt Ion:107 Resp: 437
 Ion Ratio Lower Upper
 107 100
 144 0.0 22.2 33.2#
 142 0.0 67.7 101.5#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.807 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

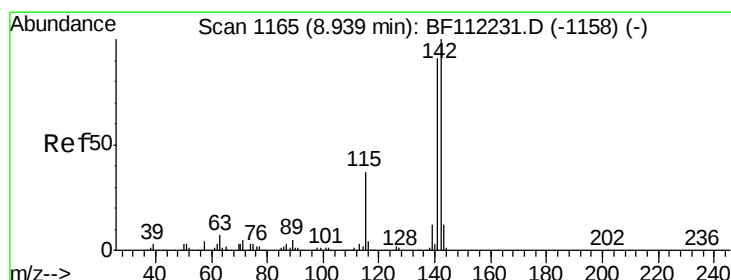
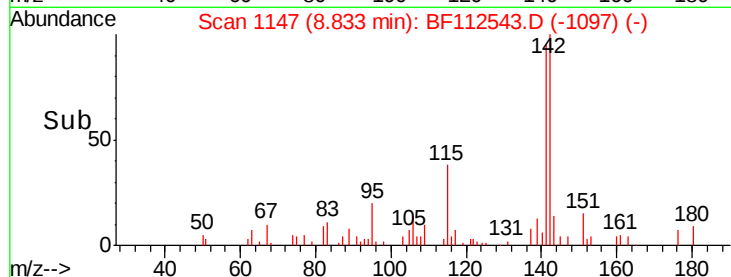
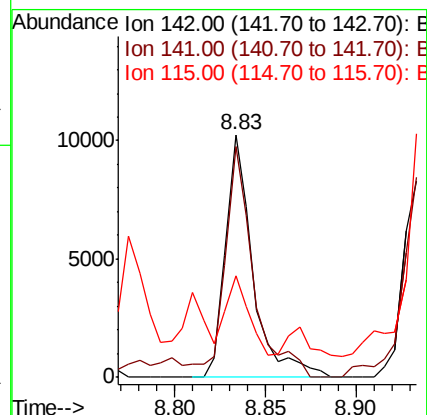
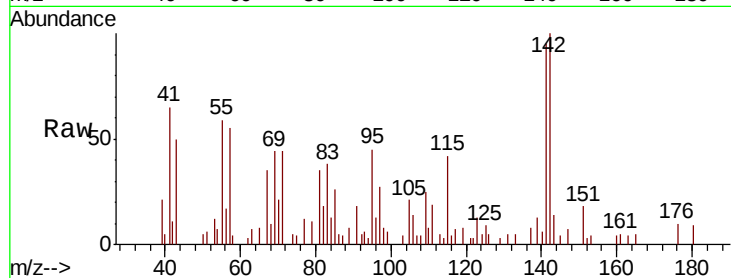
Tgt Ion:142 Resp: 10769

Ion Ratio Lower Upper

142 100

141 94.9 70.9 106.3

115 42.0 24.9 37.3#



#38

1-Methylnaphthalene

Concen: 0.842 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.11 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

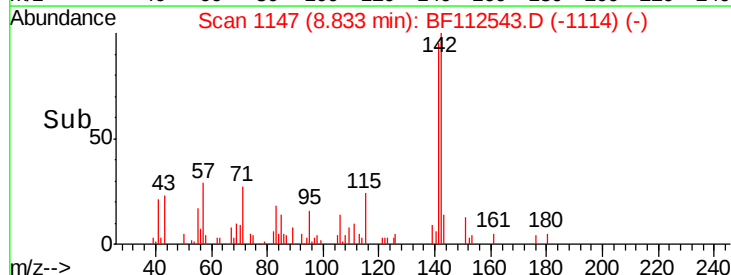
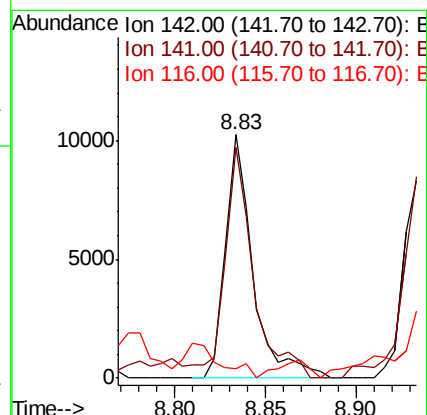
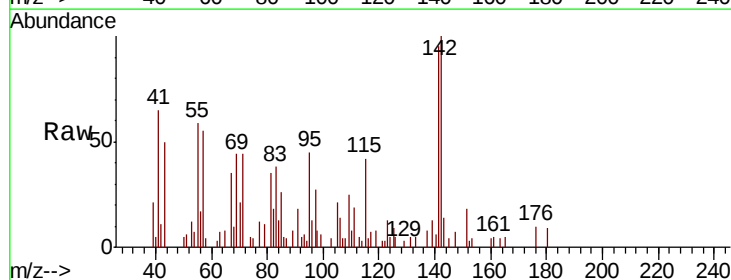
Tgt Ion:142 Resp: 10769

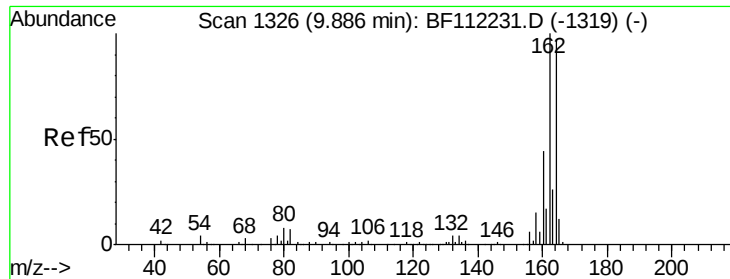
Ion Ratio Lower Upper

142 100

141 94.9 72.6 108.8

116 4.0 2.8 4.2

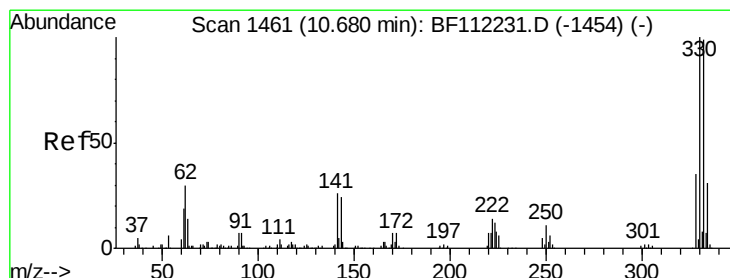
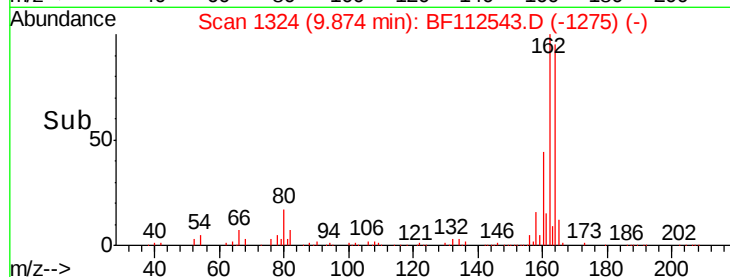
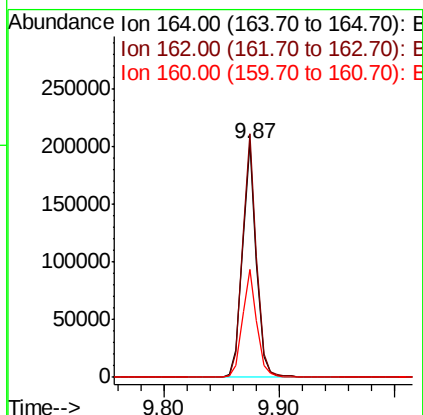
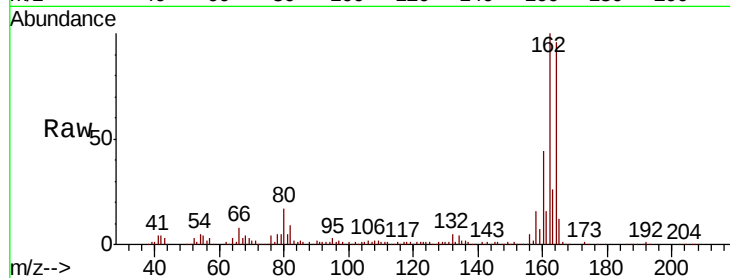




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

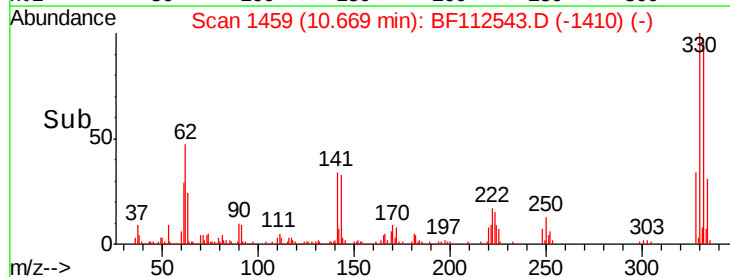
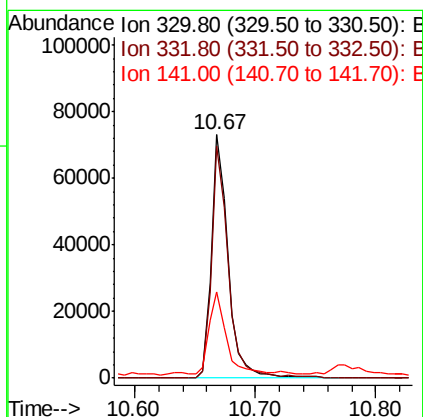
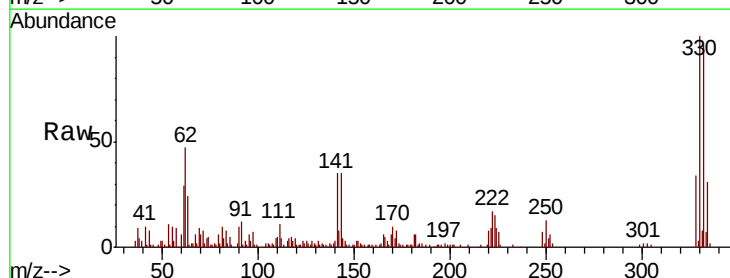
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

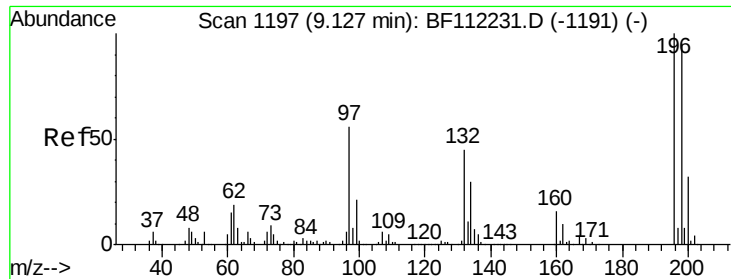
Tgt Ion:164 Resp: 171533
Ion Ratio Lower Upper
164 100
162 103.8 82.2 123.4
160 45.8 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 34.895 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Tgt Ion:330 Resp: 69671
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 38.8 24.3 36.5#

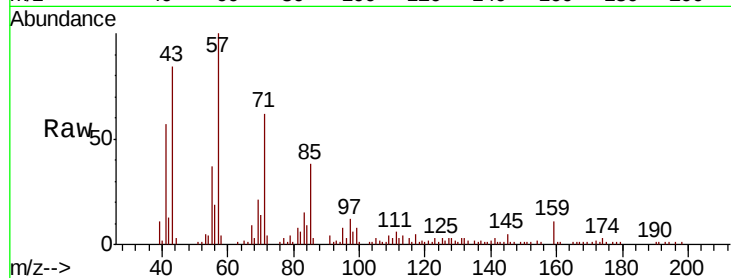




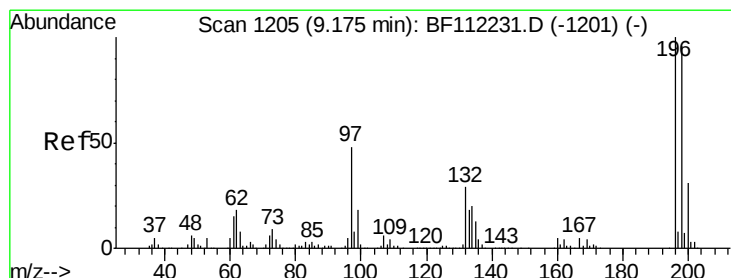
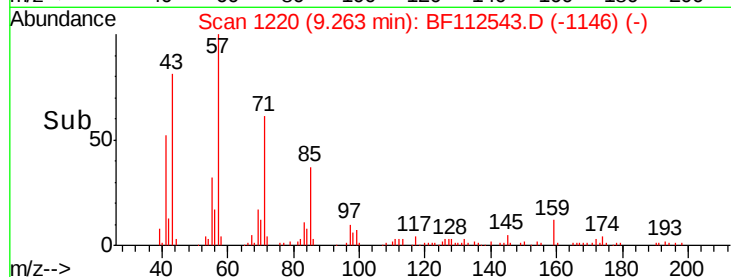
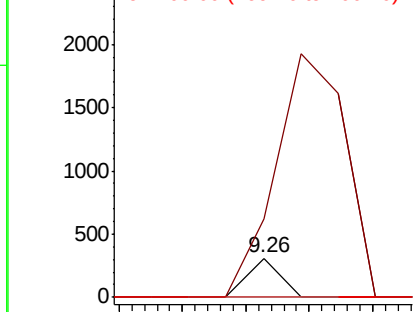
#43
 2,4,6-Trichlorophenol
 Concen: 0.032 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.14 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-O

Tgt Ion:196 Resp: 110
 Ion Ratio Lower Upper
 196 100
 198 198.7 76.2 114.4#
 200 0.0 24.3 36.5#

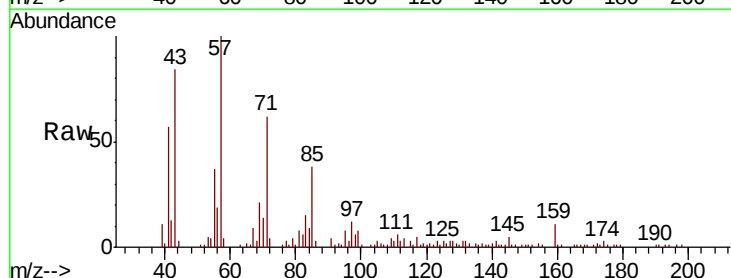


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

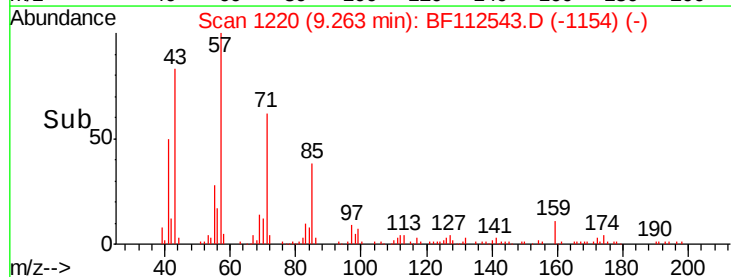
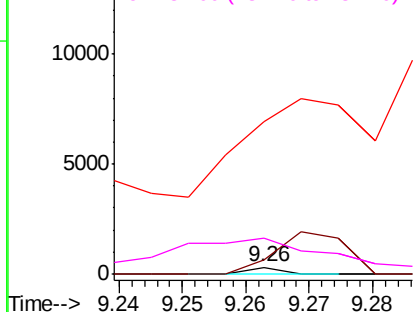


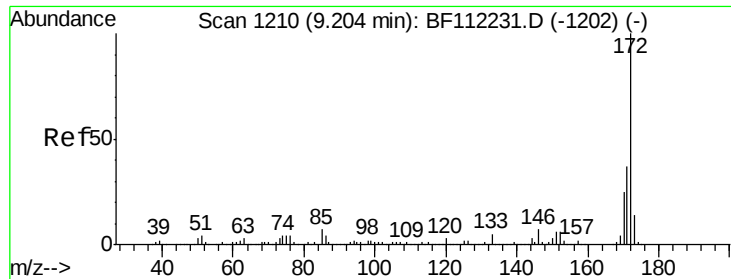
#44
 2,4,5-Trichlorophenol
 Concen: 0.030 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.09 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

Tgt Ion:196 Resp: 110
 Ion Ratio Lower Upper
 196 100
 198 198.7 76.0 114.0#
 97 2226.4 36.4 54.6#
 132 523.5 21.5 32.3#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

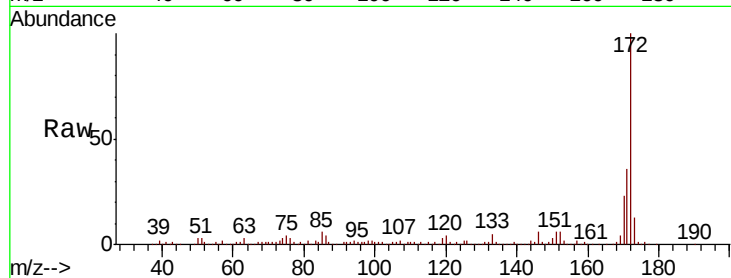




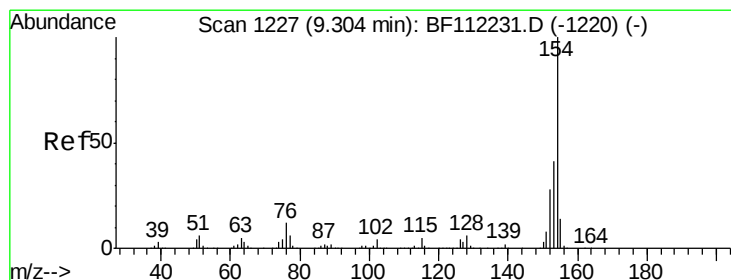
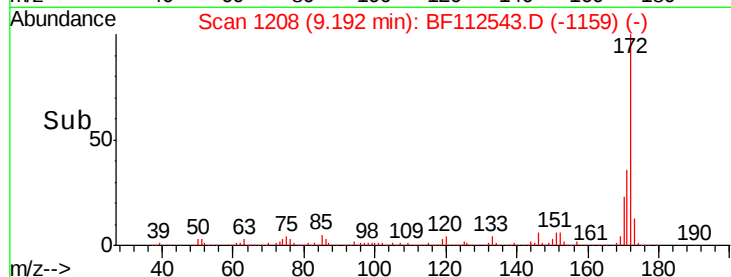
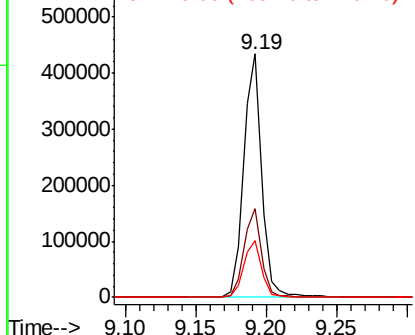
#45
2-Fluorobiphenyl
Concen: 31.542 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

Tgt Ion:172 Resp: 382552
Ion Ratio Lower Upper
172 100
171 36.4 30.5 45.7
170 23.2 20.2 30.4

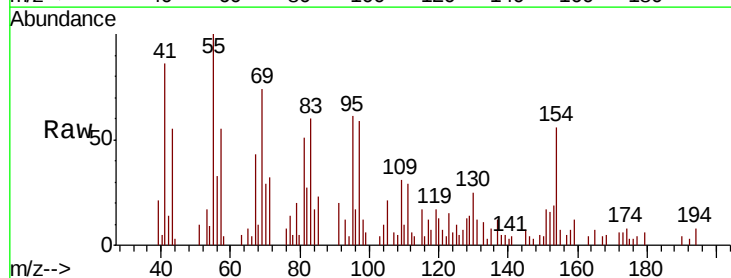


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

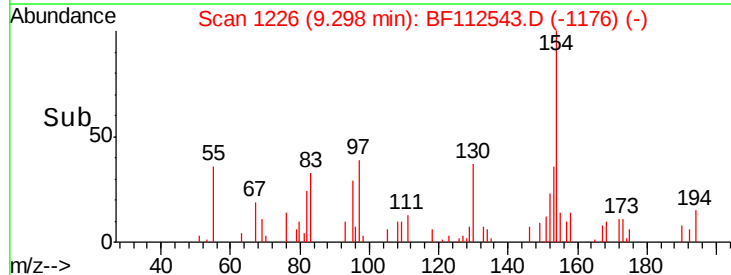
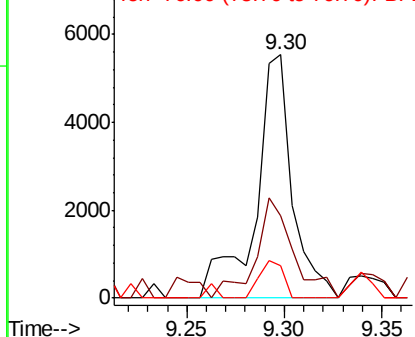


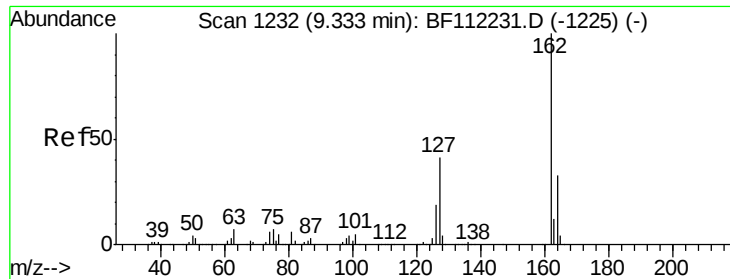
#46
1,1'-Biphenyl
Concen: 0.481 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Tgt Ion:154 Resp: 7206
Ion Ratio Lower Upper
154 100
153 33.6 21.5 61.5
76 13.4 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 0.037 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.13 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

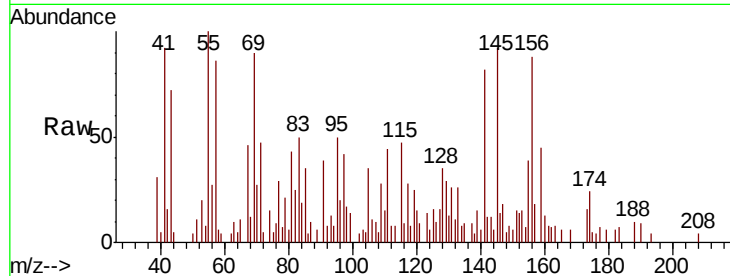
Tgt Ion: 162 Resp: 429

Ion Ratio Lower Upper

162 100

127 228.8 30.4 45.6#

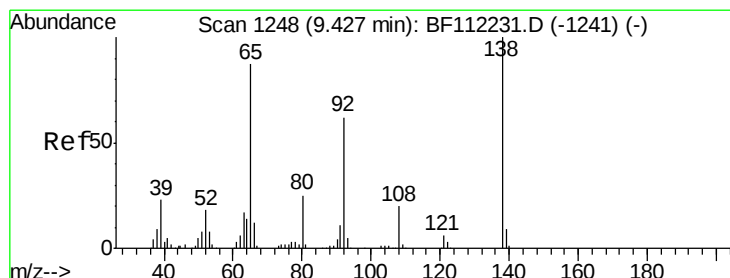
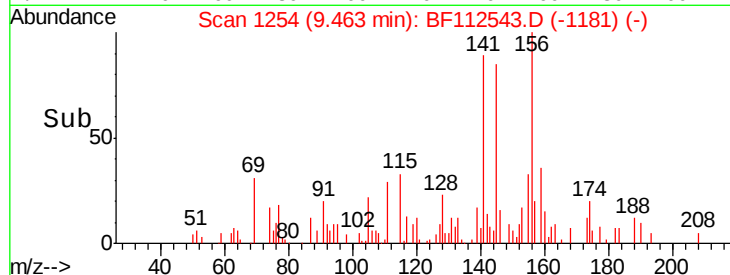
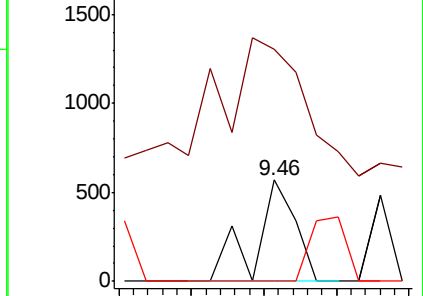
164 0.0 27.4 41.2#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 0.100 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

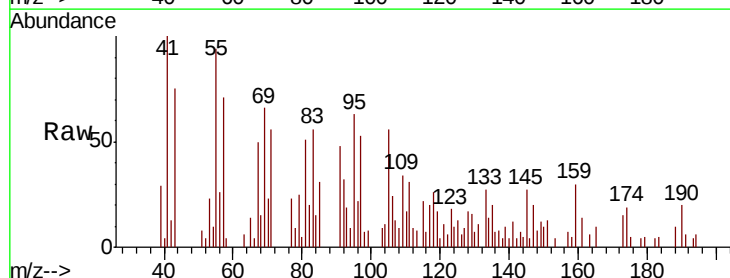
Tgt Ion: 65 Resp: 317

Ion Ratio Lower Upper

65 100

92 233.1 60.4 90.6#

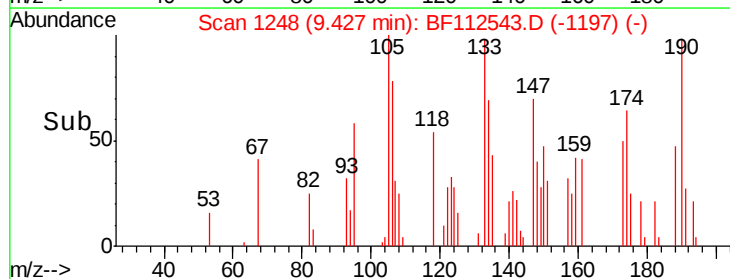
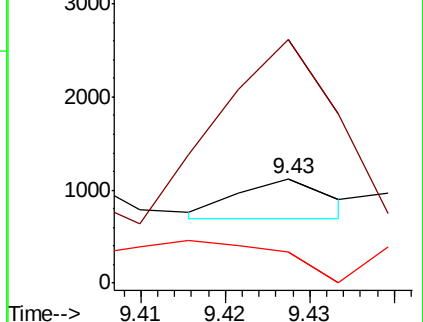
138 29.4 104.4 156.6#

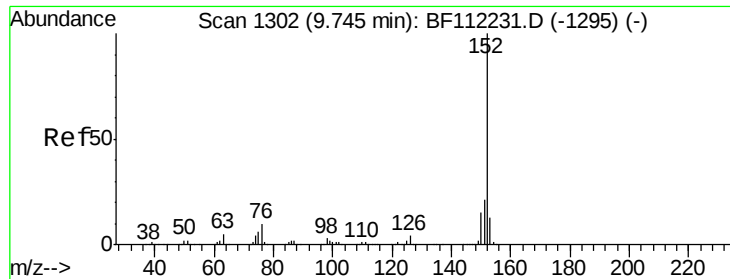


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.225 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

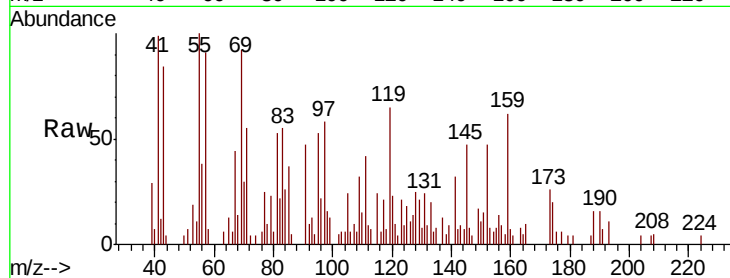
Tgt Ion:152 Resp: 3833

Ion Ratio Lower Upper

152 100

151 32.4 17.0 25.6#

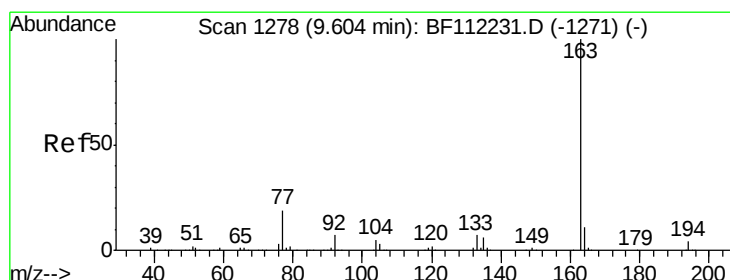
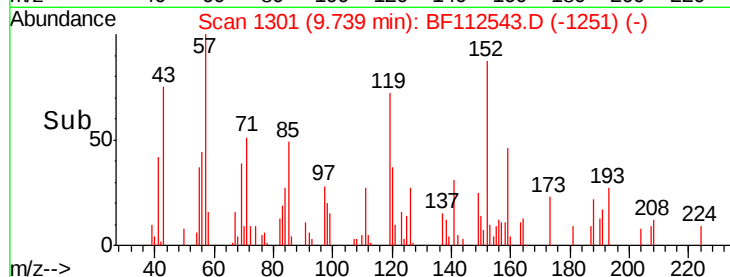
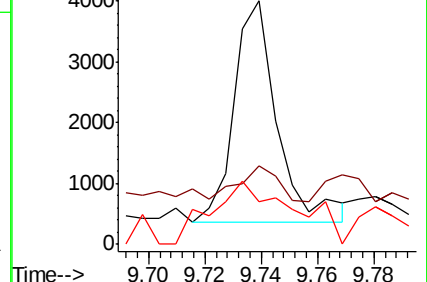
153 17.6 11.2 16.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.395 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

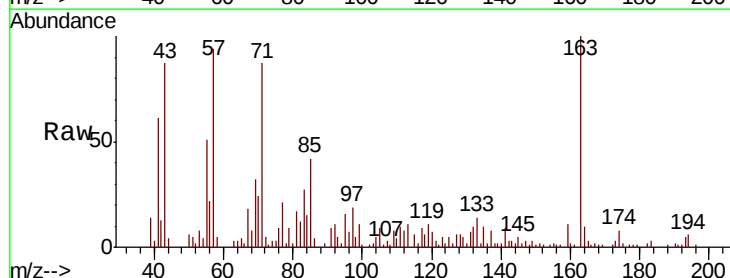
Tgt Ion:163 Resp: 31913

Ion Ratio Lower Upper

163 100

194 6.4 3.3 4.9#

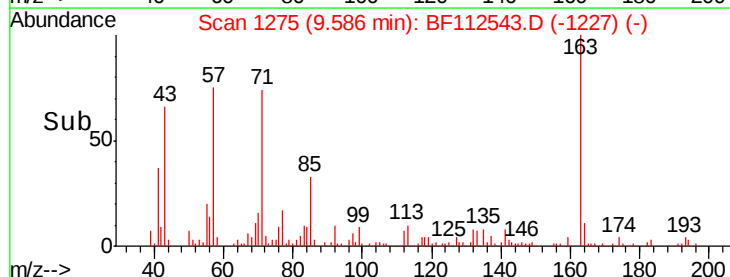
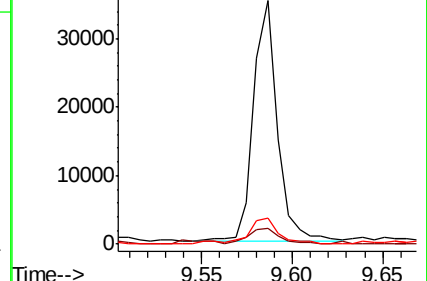
164 10.5 8.5 12.7

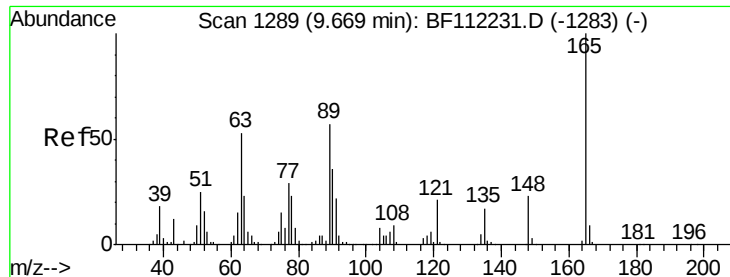


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.304 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.08 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

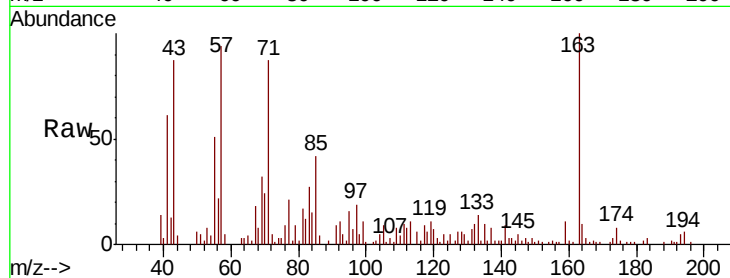
Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

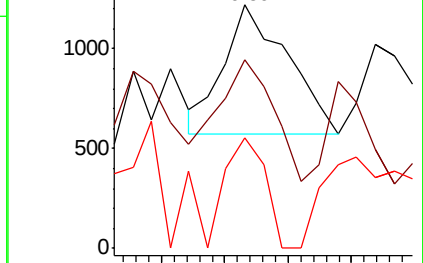
Tgt Ion:	165	Resp:	907
Ion	Ratio	Lower	Upper
165	100		
63	77.2	33.8	50.8#
89	45.3	36.9	55.3



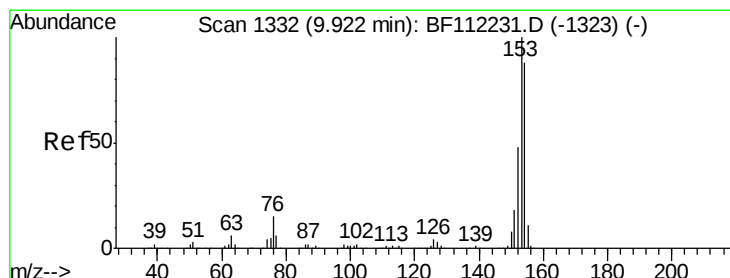
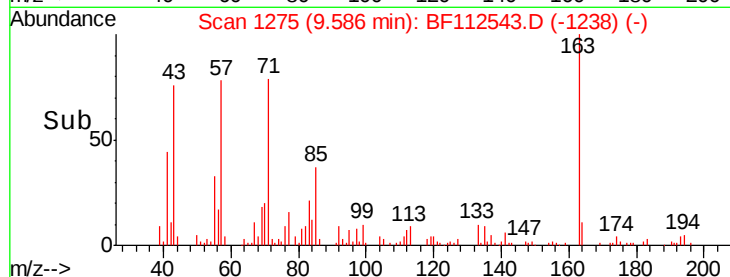
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Time-->



#52

Acenaphthene

Concen: 1.262 ng

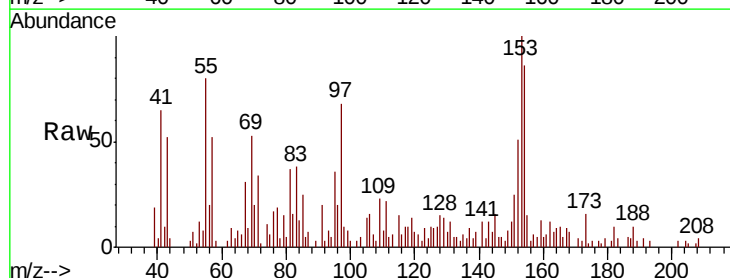
RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

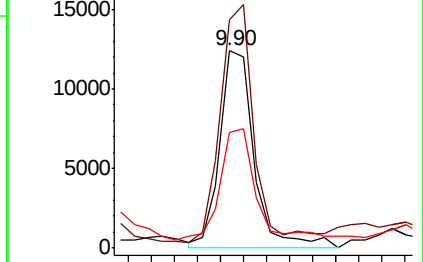
Tgt Ion:	154	Resp:	12849
Ion	Ratio	Lower	Upper
154	100		
153	115.8	89.8	134.6
152	59.0	43.5	65.3



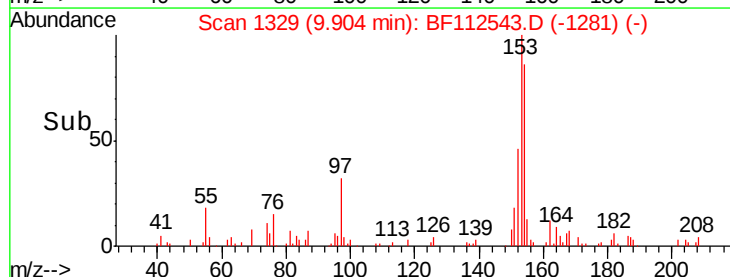
Abundance Ion 154.00 (153.70 to 154.70): E

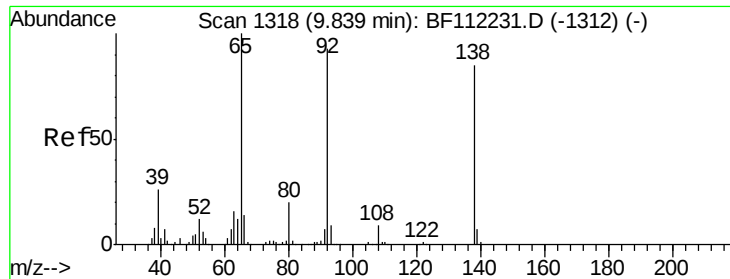
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->

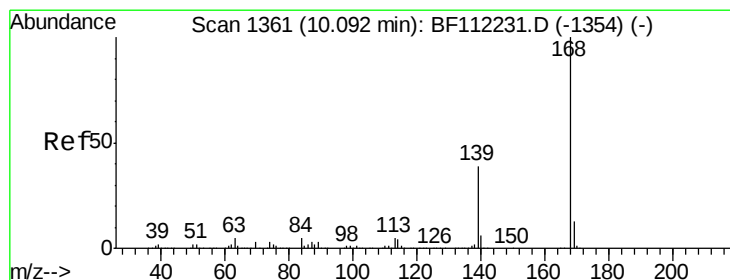
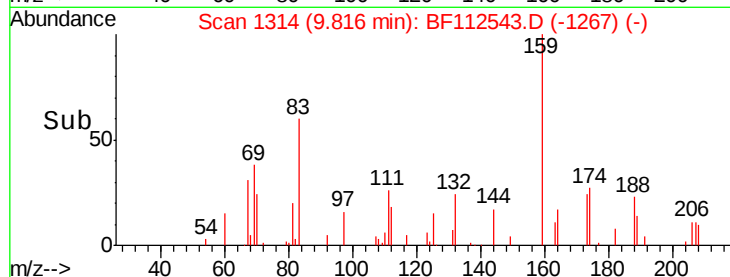
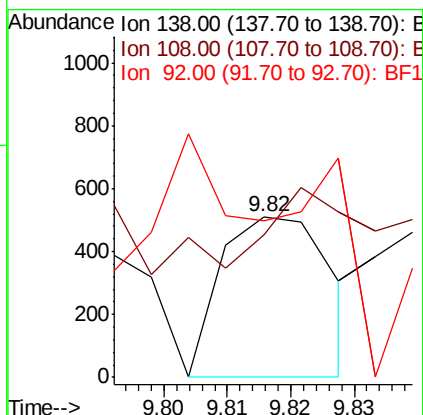
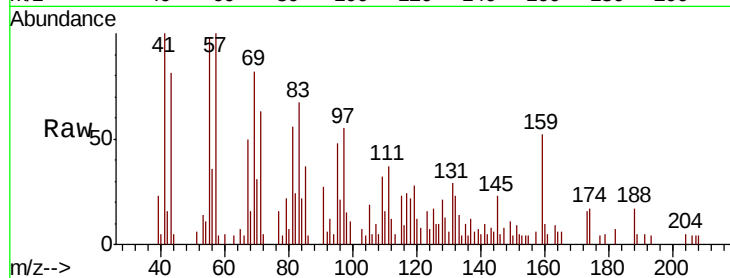




#53
3-Nitroaniline
Concen: 0.190 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

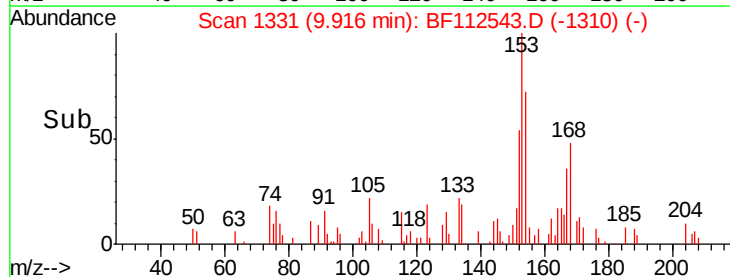
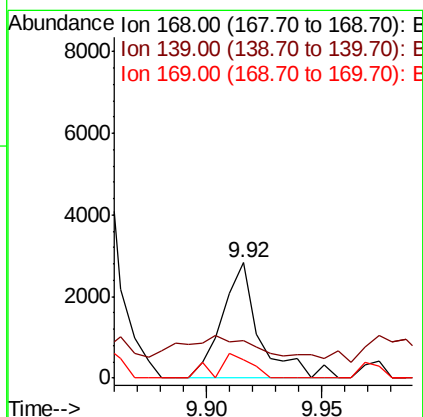
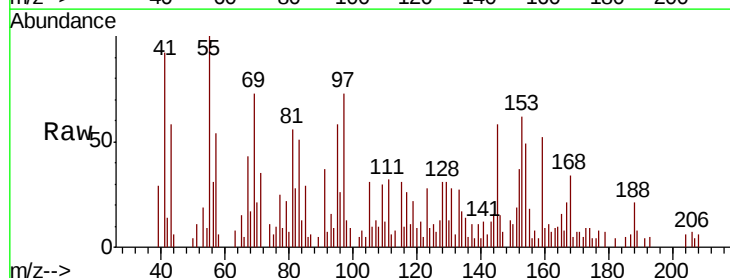
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

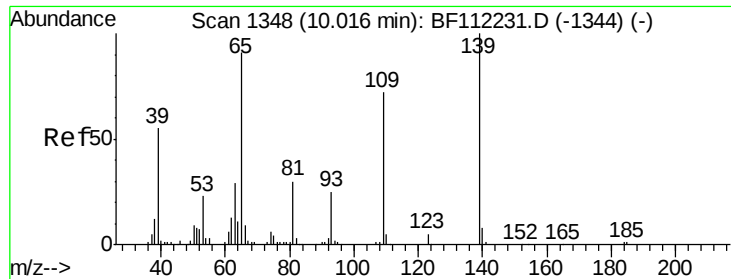
Tgt Ion:138 Resp: 613
Ion Ratio Lower Upper
138 100
108 88.9 9.8 14.6#
92 97.7 79.4 119.2



#55
Dibenzofuran
Concen: 0.206 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Tgt Ion:168 Resp: 3204
Ion Ratio Lower Upper
168 100
139 32.6 29.2 43.8
169 16.3 11.4 17.0

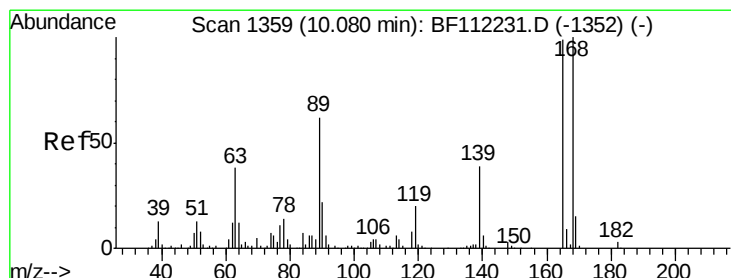
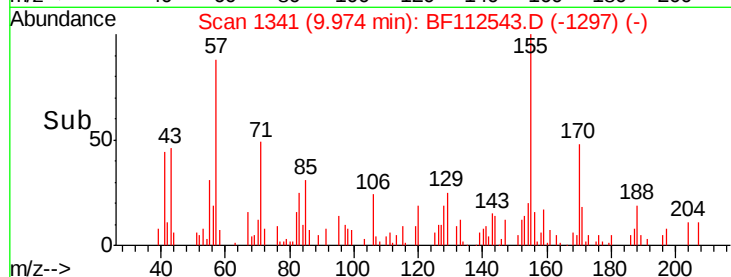
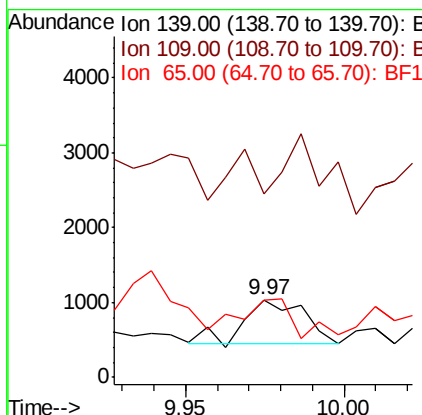
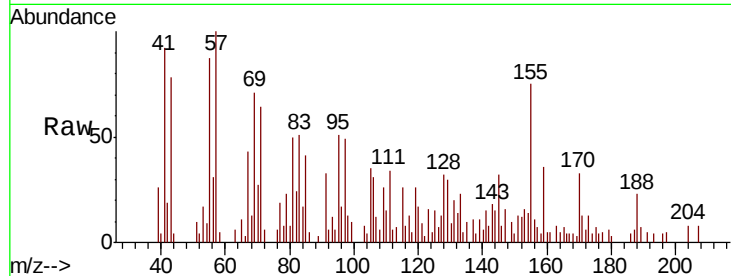




#56
4-Nitrophenol
Concen: 0.458 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.04 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

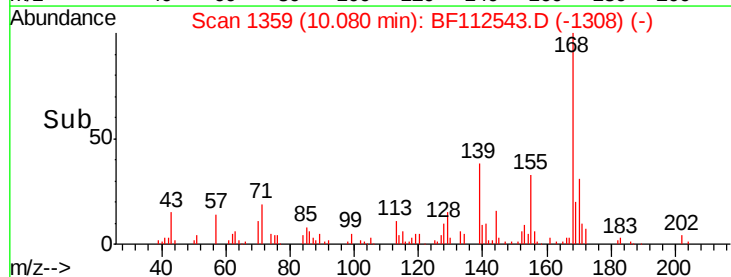
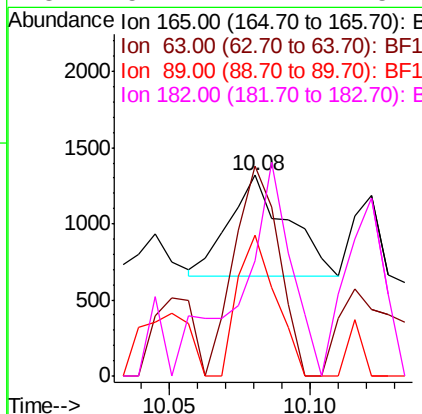
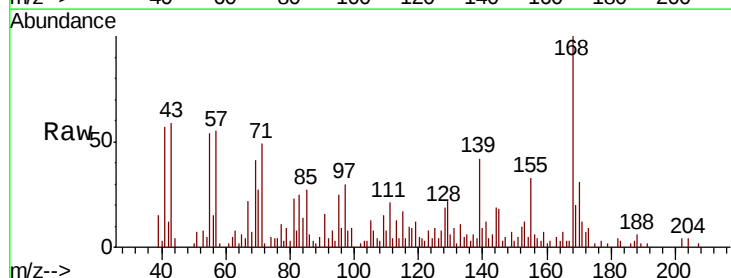
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

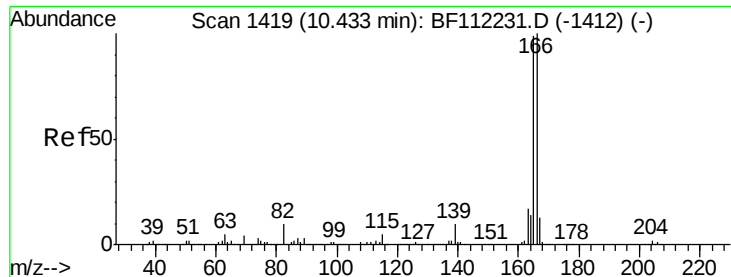
Tgt Ion:139 Resp: 783
Ion Ratio Lower Upper
139 100
109 235.8 42.8 82.8#
65 99.8 66.1 106.1



#57
2,4-Dinitrotoluene
Concen: 0.249 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Tgt Ion:165 Resp: 946
Ion Ratio Lower Upper
165 100
63 104.9 27.9 41.9#
89 69.9 47.9 71.9
182 57.4 2.2 3.4#





#58

Fluorene

Concen: 1.607 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

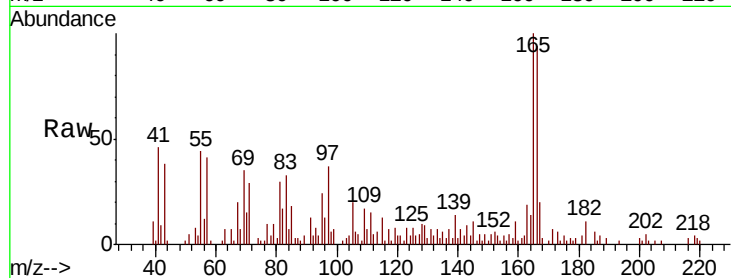
Tgt Ion:166 Resp: 18711

Ion Ratio Lower Upper

166 100

165 106.2 77.1 115.7

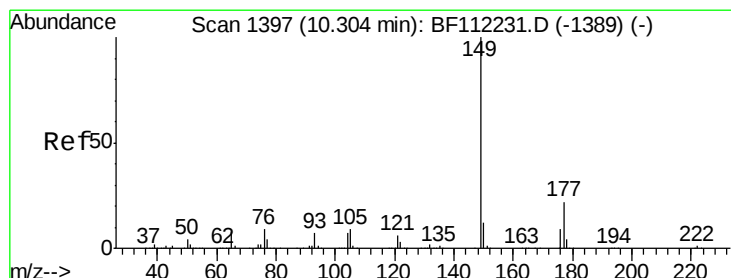
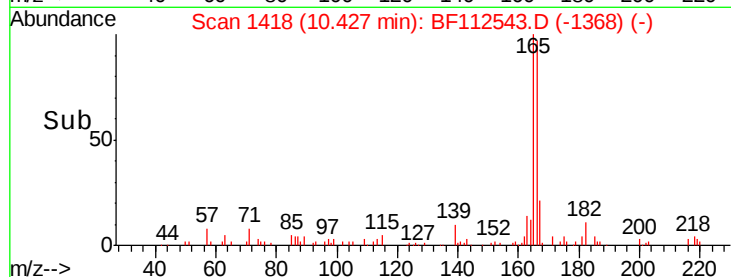
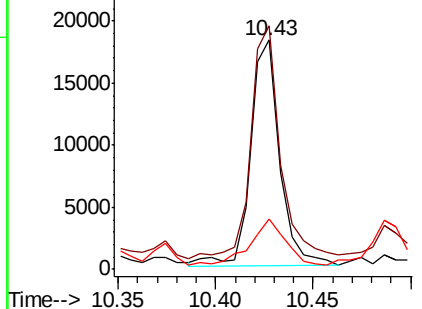
167 21.7 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.118 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.02 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

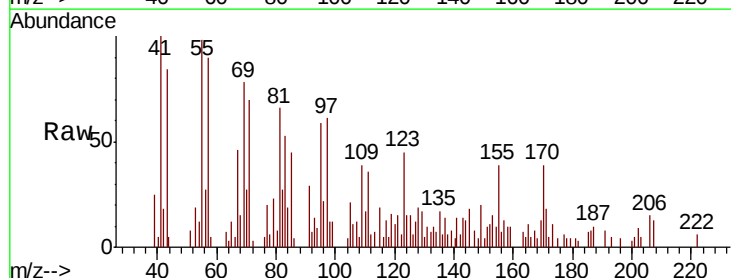
Tgt Ion:149 Resp: 1560

Ion Ratio Lower Upper

149 100

177 28.9 18.2 27.2#

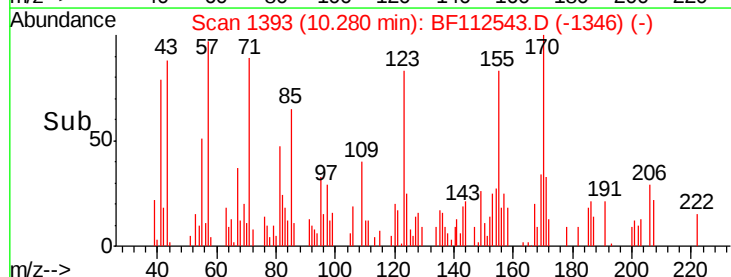
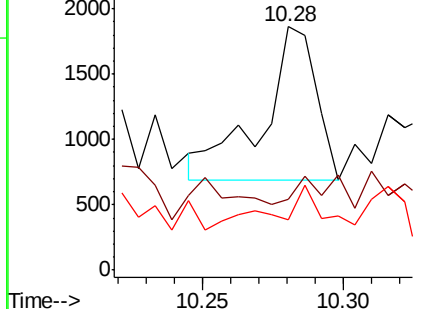
150 20.6 10.4 15.6#

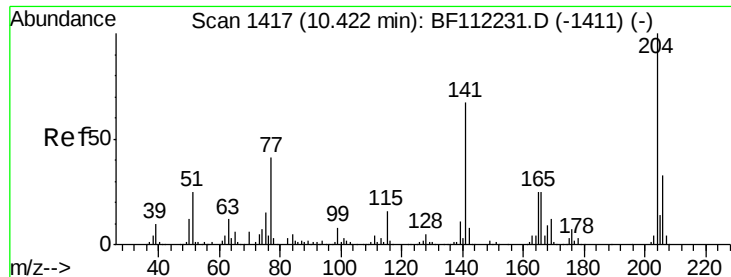


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

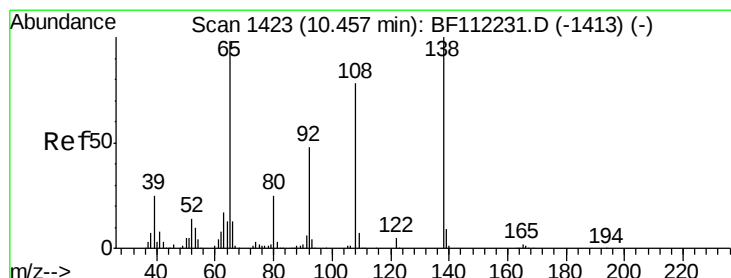
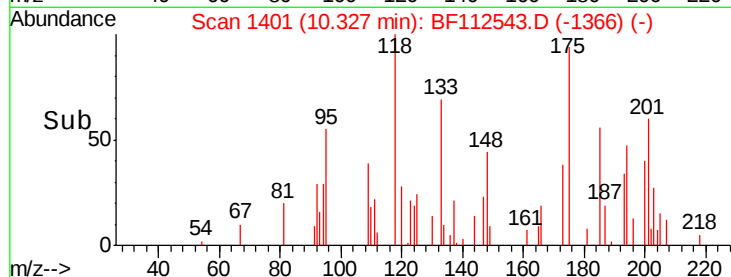
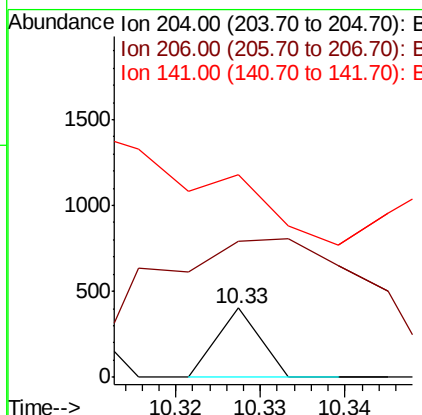
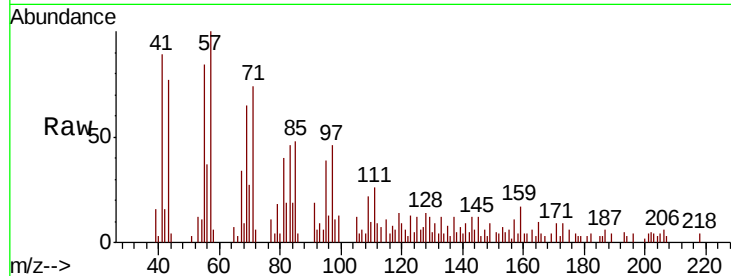




#61
 4-Chlorophenyl-phenylether
 Concen: 0.022 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.09 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

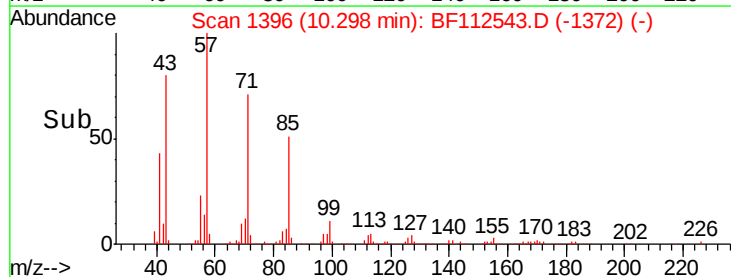
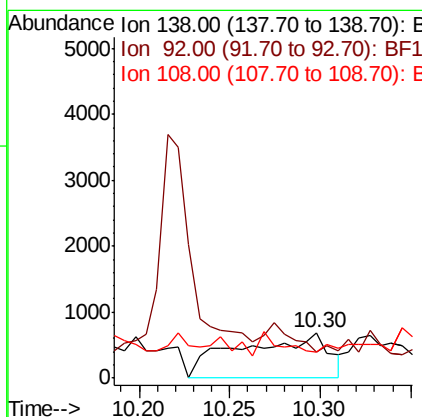
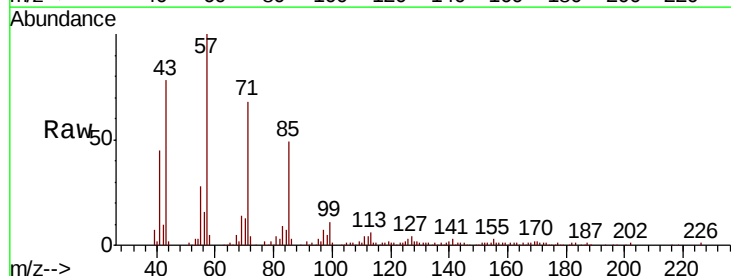
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-O

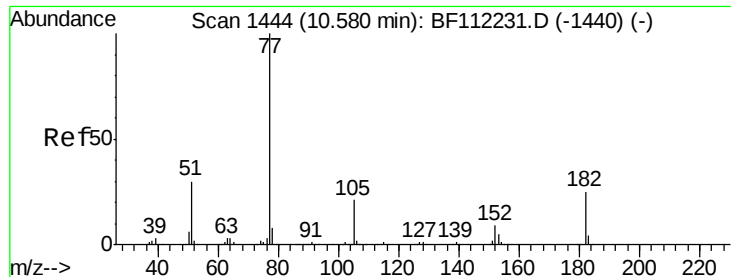
Tgt Ion: 204 Resp: 142
 Ion Ratio Lower Upper
 204 100
 206 196.8 26.5 39.7#
 141 293.5 45.9 68.9#



#62
 4-Nitroaniline
 Concen: 0.719 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.16 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

Tgt Ion: 138 Resp: 2279
 Ion Ratio Lower Upper
 138 100
 92 58.5 30.6 70.6
 108 57.9 50.0 90.0

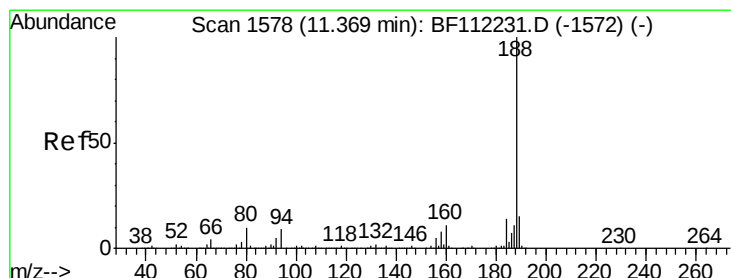
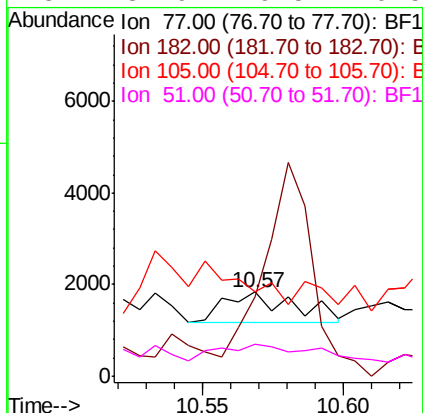
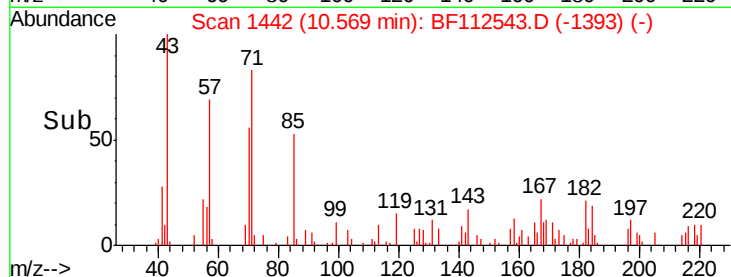
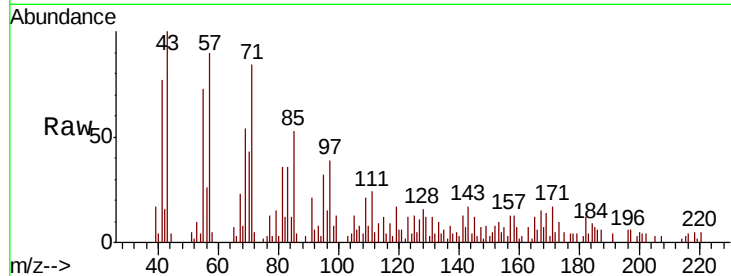




#63
Azobenzene
Concen: 0.101 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

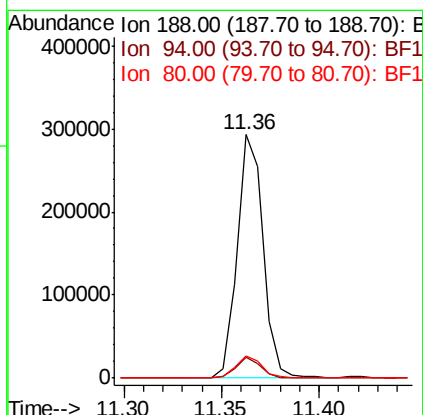
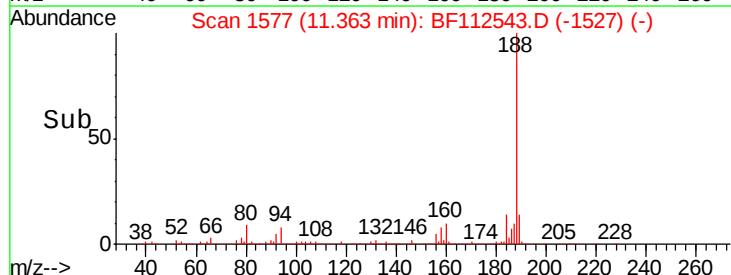
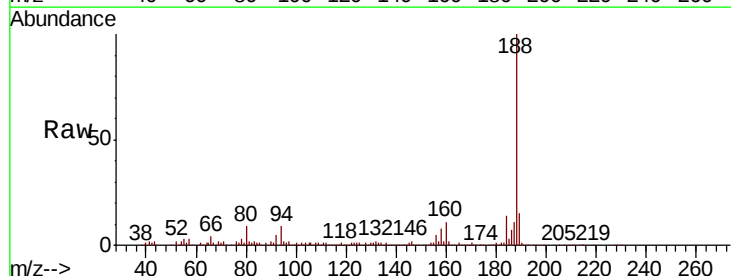
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

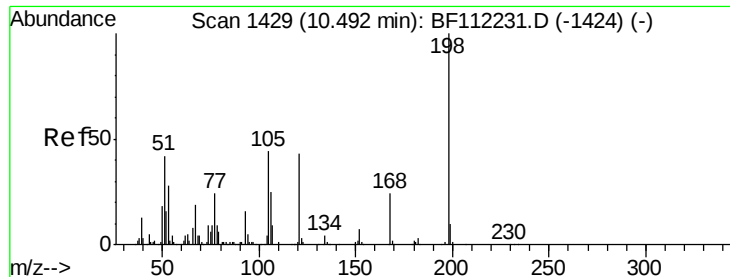
Tgt Ion:	77	Resp:	1175
Ion	Ratio	Lower	Upper
77	100		
182	94.9	5.7	45.7#
105	99.8	1.4	41.4#
51	37.9	9.5	49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Tgt Ion:	188	Resp:	269091
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.2	8.9	13.3

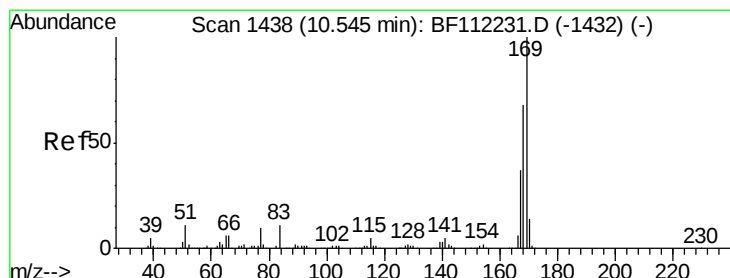
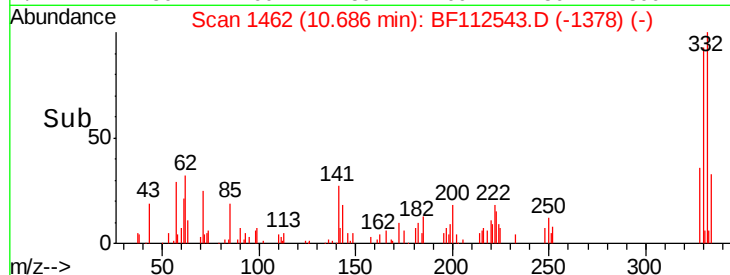
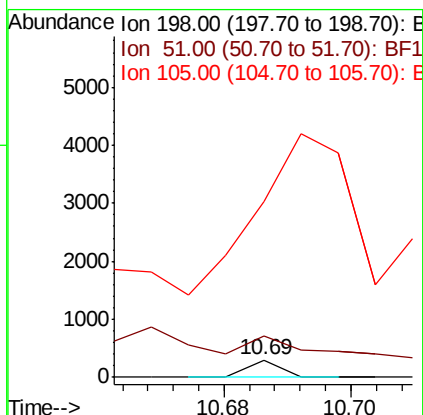
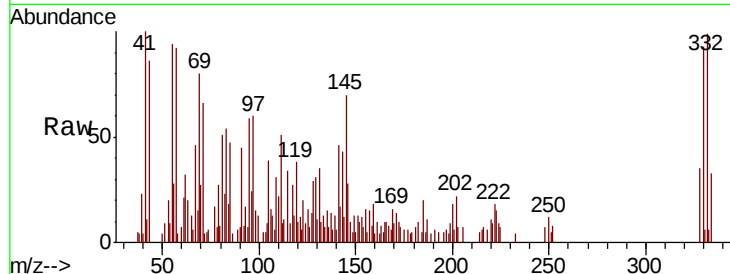




#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.070 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.19 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

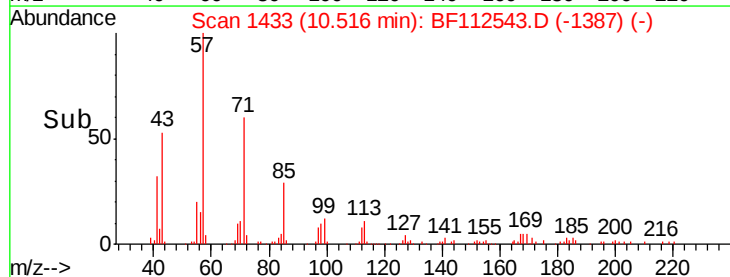
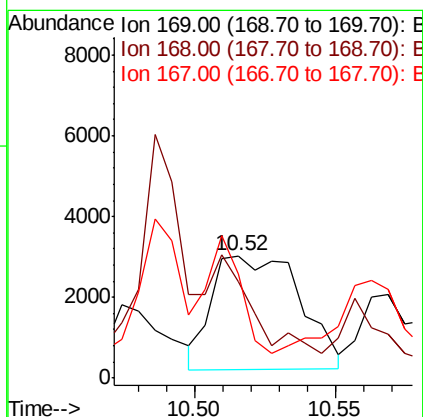
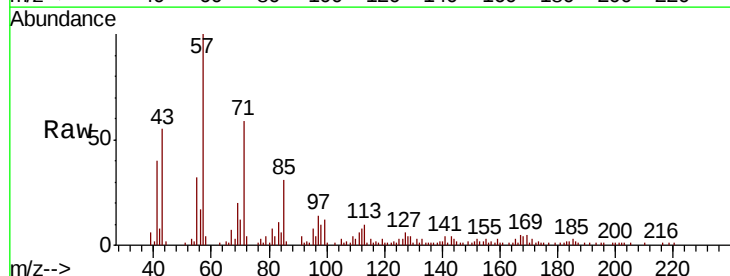
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-O

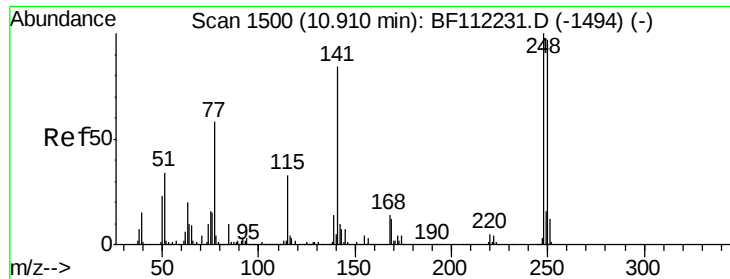
Tgt Ion:198 Resp: 106
 Ion Ratio Lower Upper
 198 100
 51 239.5 17.2 57.2#
 105 1005.3 21.9 61.9#



#66
 n-Nitrosodiphenylamine
 Concen: 0.669 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.03 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

Tgt Ion:169 Resp: 6070
 Ion Ratio Lower Upper
 169 100
 168 78.4 53.9 80.9
 167 85.2 28.9 43.3#

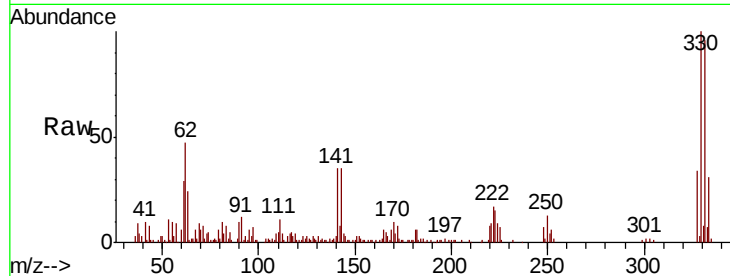




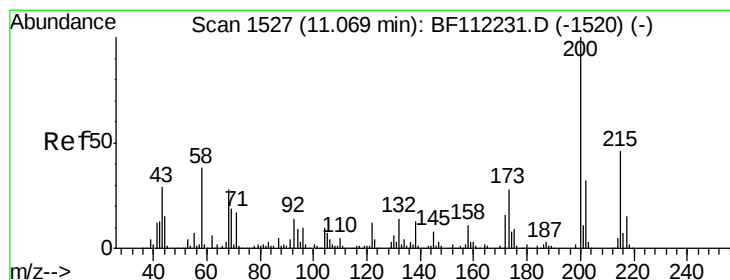
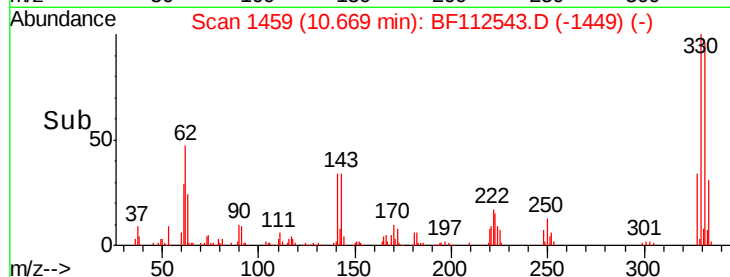
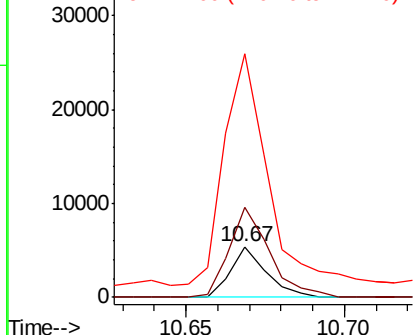
#67
 4-Bromophenyl-phenylether
 Concen: 1.333 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.24 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-O

Tgt Ion: 248 Resp: 4219
 Ion Ratio Lower Upper
 248 100
 250 178.8 79.7 119.5#
 141 482.0 60.3 90.5#

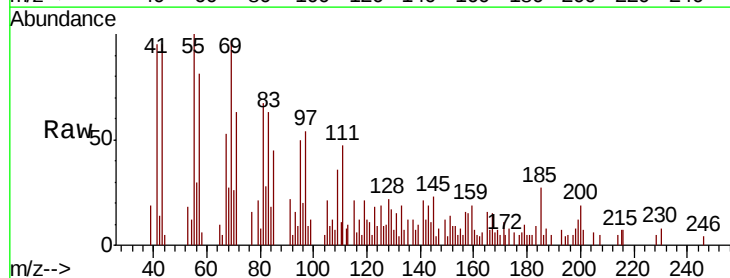


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

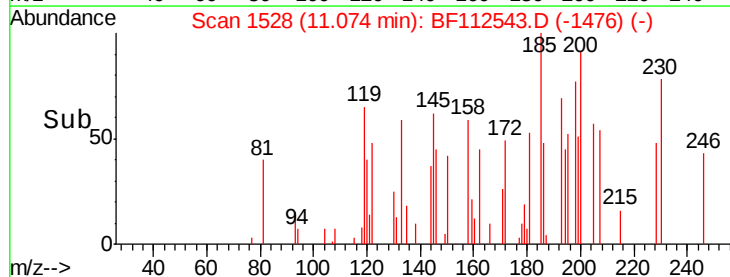
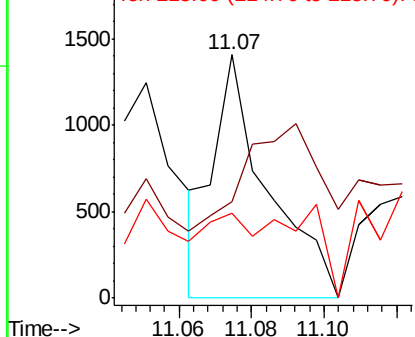


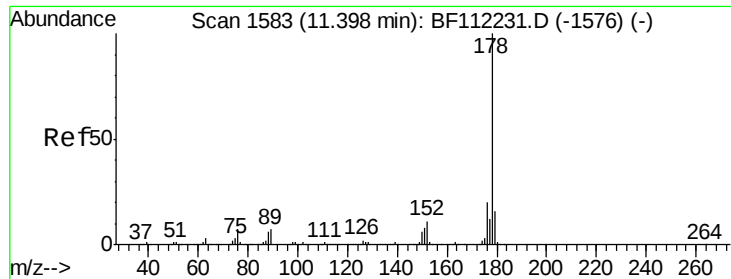
#69
 Atrazine
 Concen: 0.495 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF112543.D
 Acq: 13 Feb 2019 17:13

Tgt Ion: 200 Resp: 1449
 Ion Ratio Lower Upper
 200 100
 173 39.6 7.1 47.1
 215 34.8 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

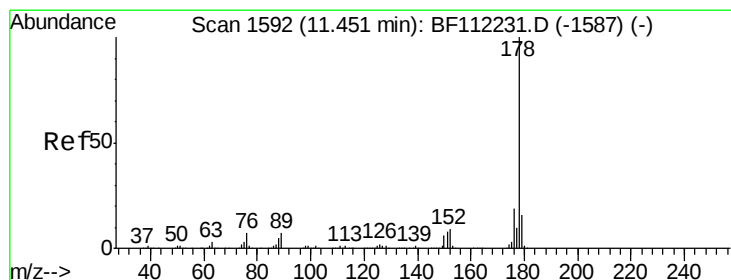
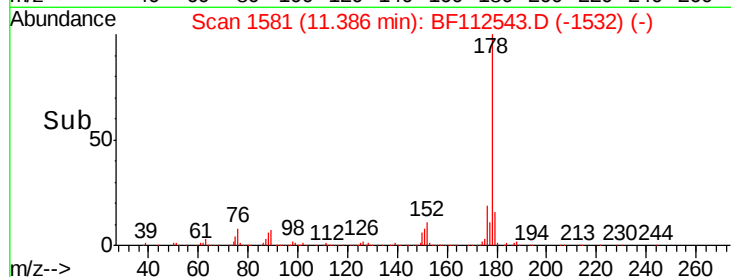
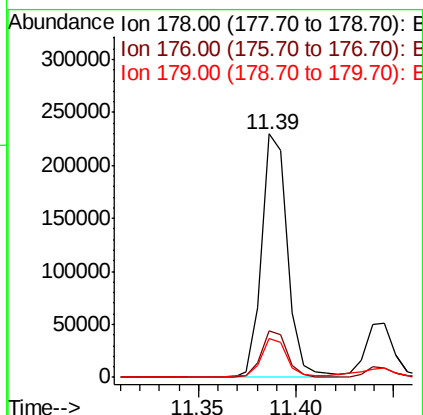
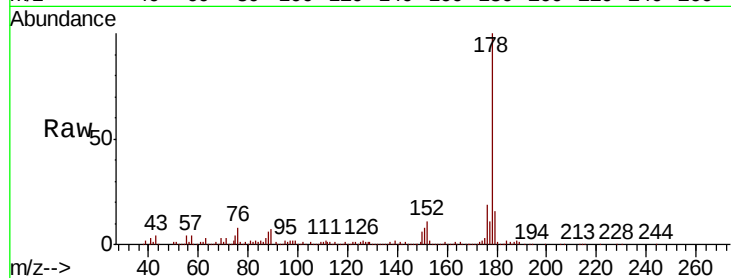




#71
Phenanthrene
Concen: 15.162 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

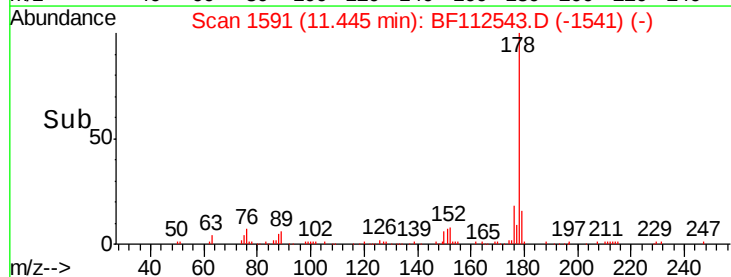
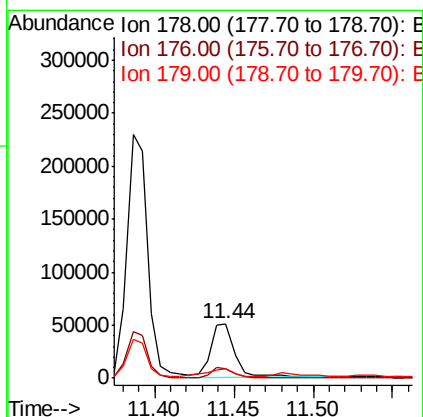
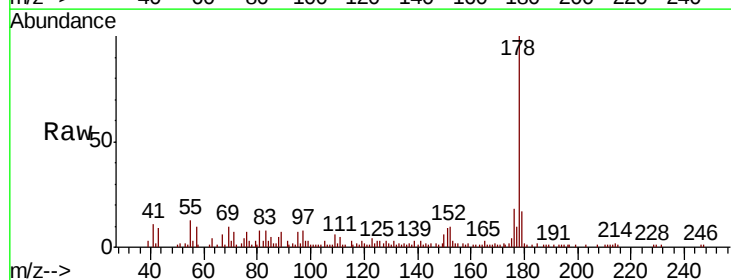
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

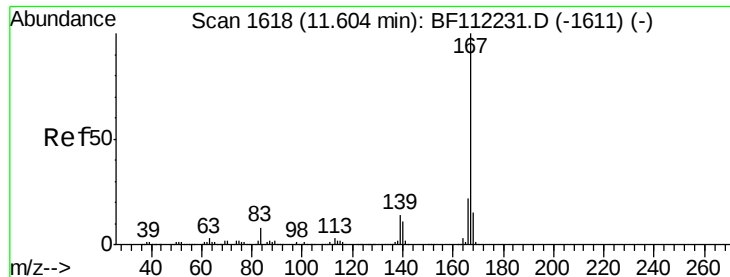
Tgt Ion:178 Resp: 212106
Ion Ratio Lower Upper
178 100
176 18.9 16.3 24.5
179 16.0 13.0 19.4



#72
Anthracene
Concen: 3.903 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Tgt Ion:178 Resp: 54391
Ion Ratio Lower Upper
178 100
176 18.1 15.5 23.3
179 17.5 12.8 19.2





#73

Carbazole

Concen: 1.626 ng

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

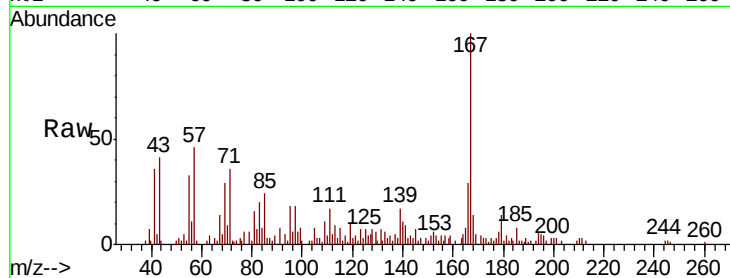
Tgt Ion:167 Resp: 22353

Ion Ratio Lower Upper

167 100

166 29.0 17.9 26.9#

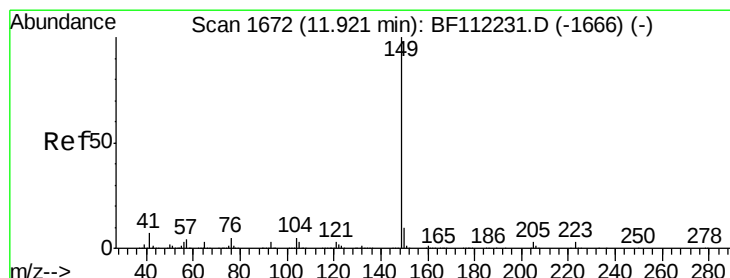
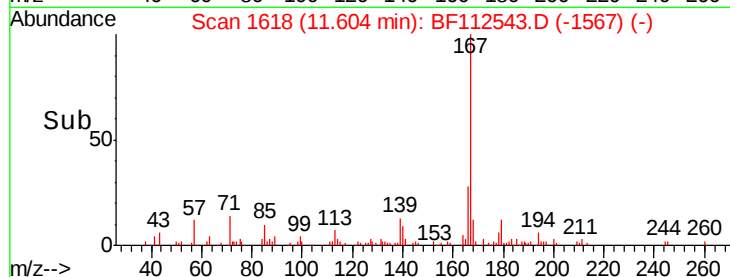
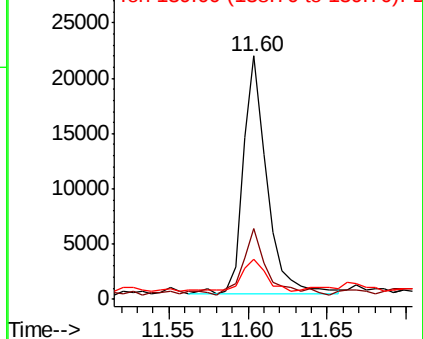
139 16.6 10.2 15.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.115 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

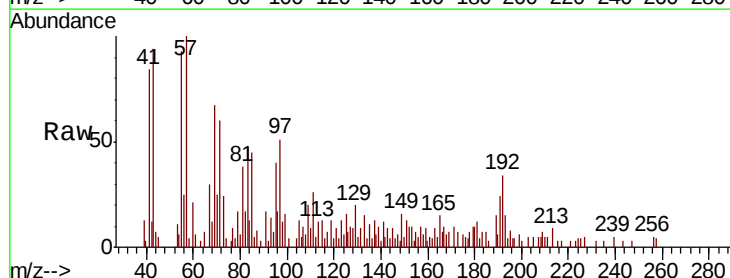
Tgt Ion:149 Resp: 1963

Ion Ratio Lower Upper

149 100

150 32.3 8.1 12.1#

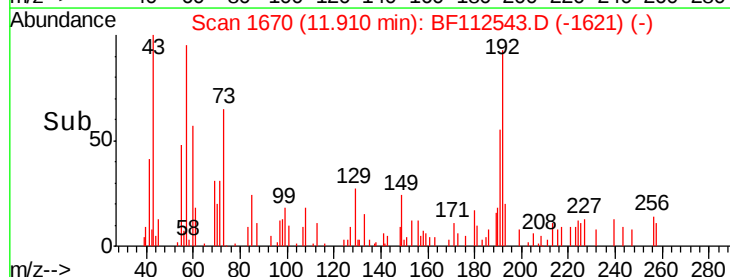
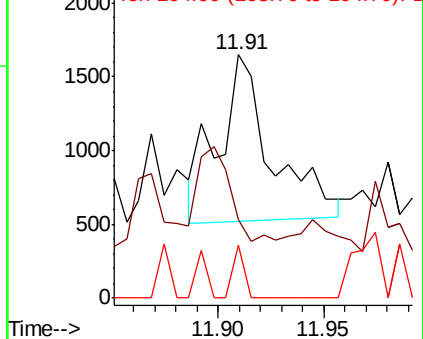
104 21.6 3.9 5.9#

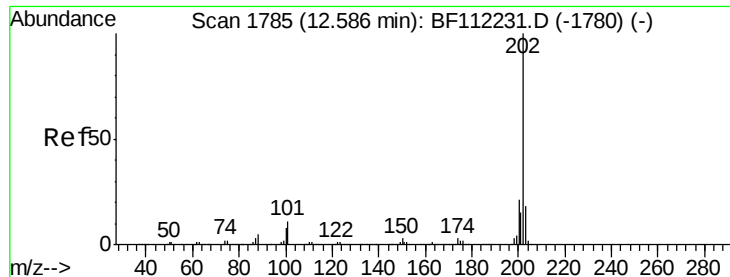


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 15.475 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

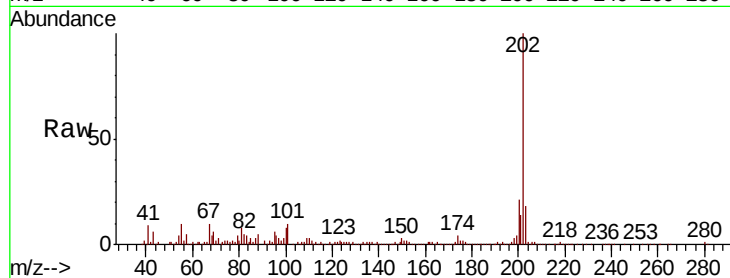
Tgt Ion:202 Resp: 232196

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.8

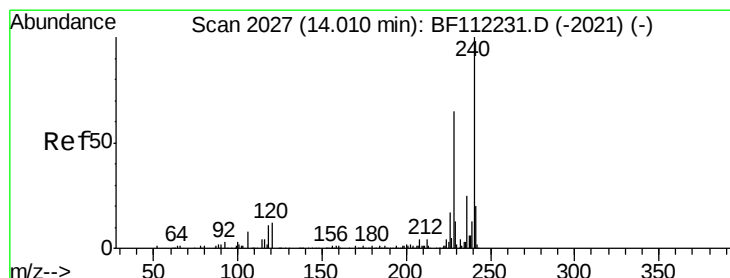
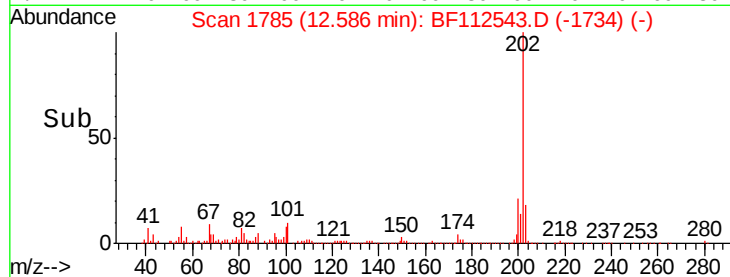
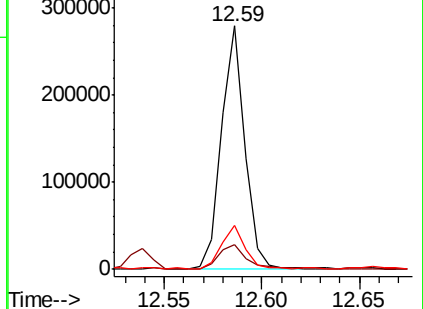
203 17.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

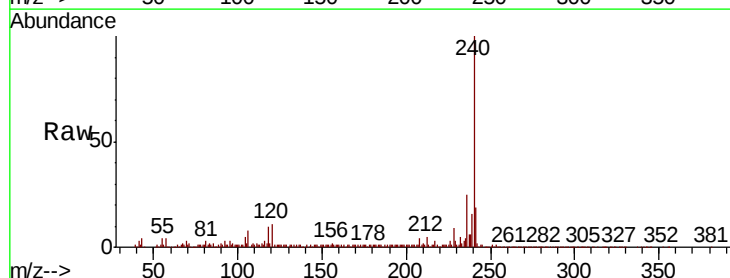
Tgt Ion:240 Resp: 238427

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.6

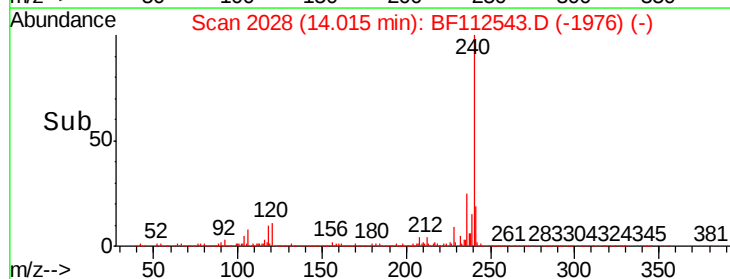
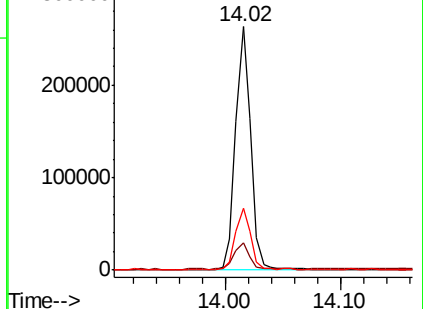
236 25.4 20.7 31.1

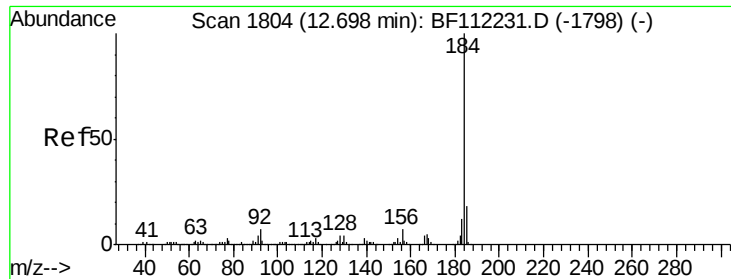


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.029 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

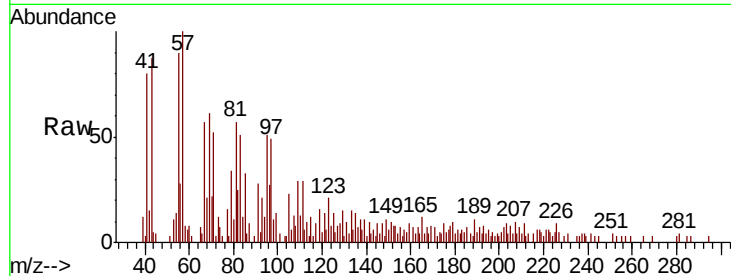
Tgt Ion:184 Resp: 193

Ion Ratio Lower Upper

184 100

185 150.5 13.9 20.9#

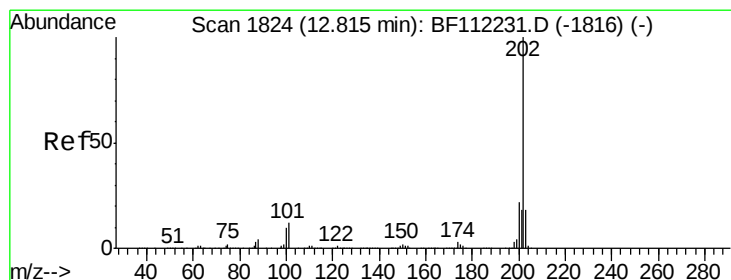
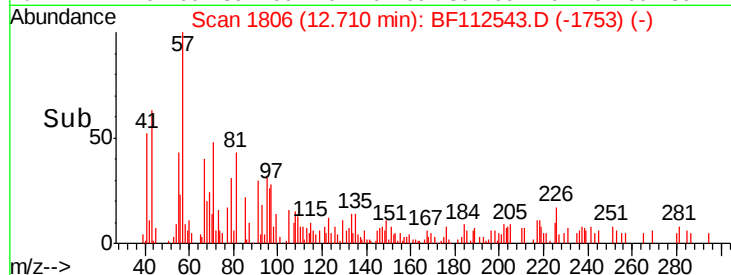
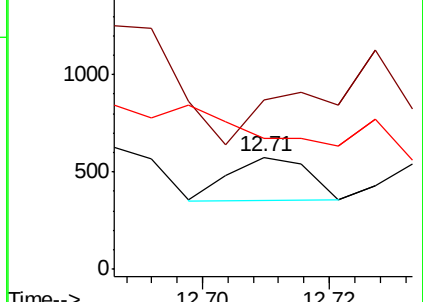
183 117.0 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 12.674 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

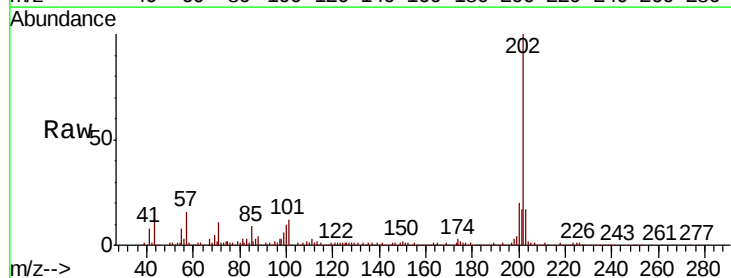
Tgt Ion:202 Resp: 209216

Ion Ratio Lower Upper

202 100

200 20.3 17.7 26.5

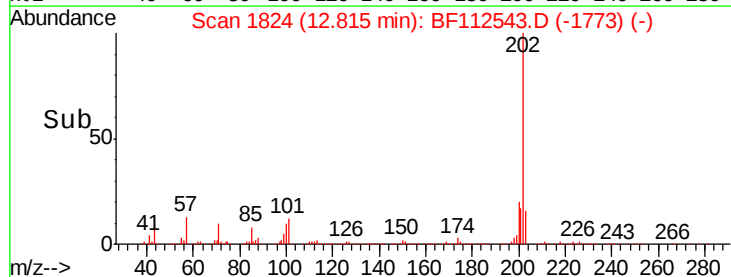
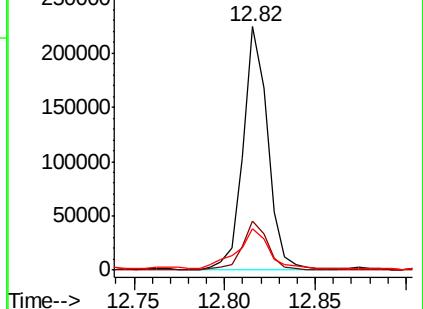
203 17.2 14.6 22.0

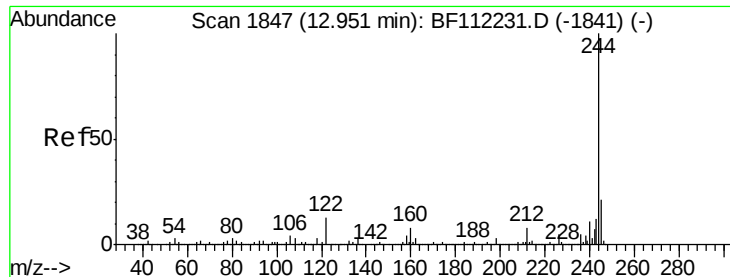


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 25.399 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

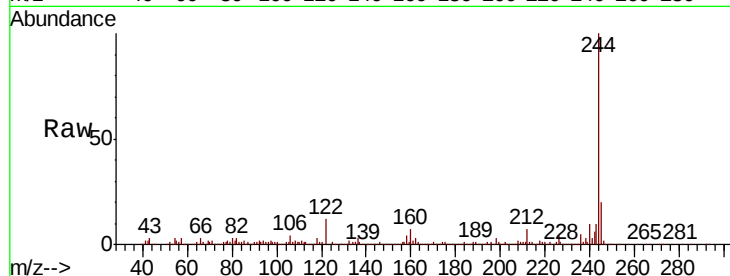
Tgt Ion:244 Resp: 321531

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

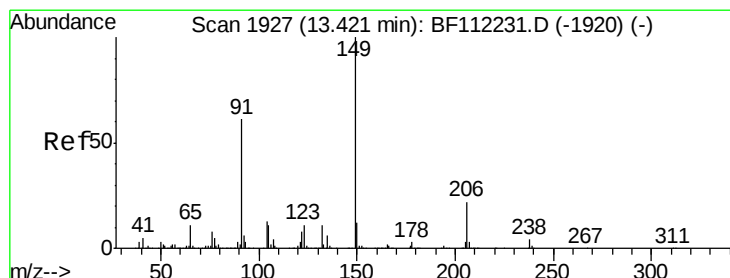
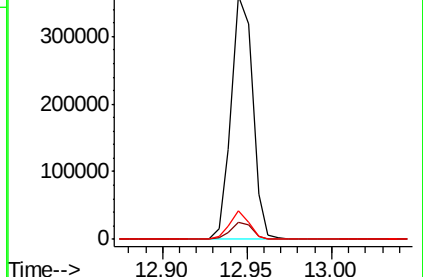
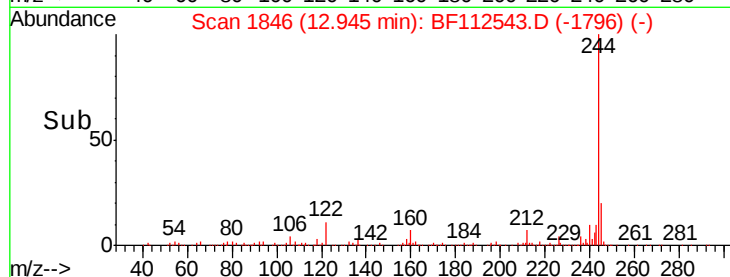
122 11.5 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.511 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

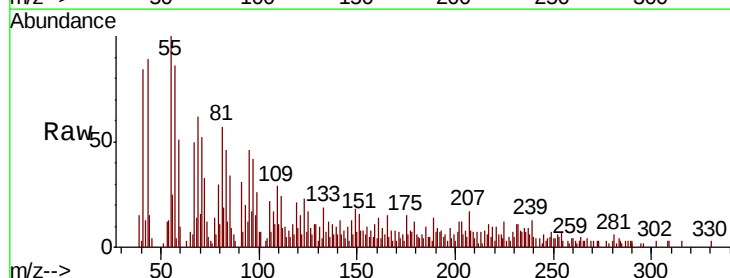
Tgt Ion:149 Resp: 4081

Ion Ratio Lower Upper

149 100

91 169.4 50.3 75.5#

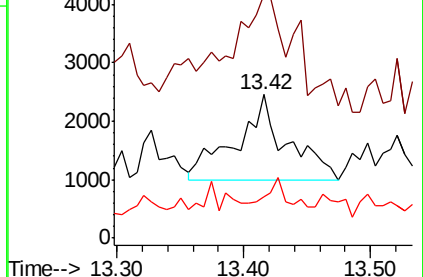
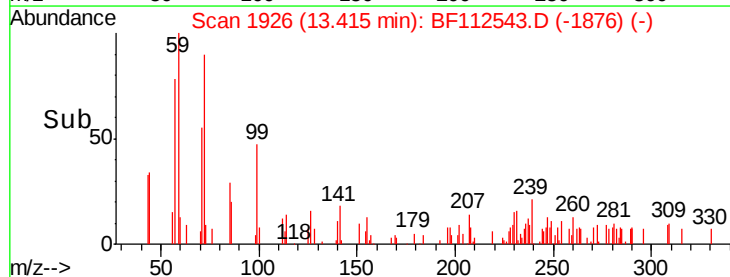
206 28.4 18.2 27.4#

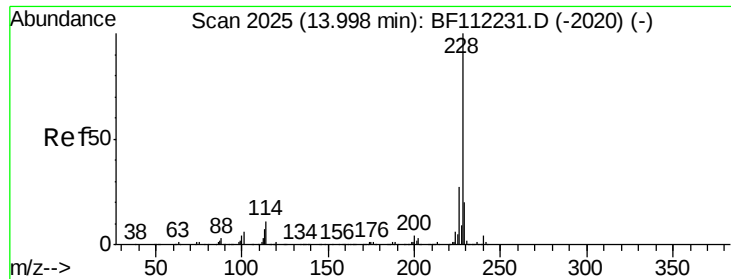


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

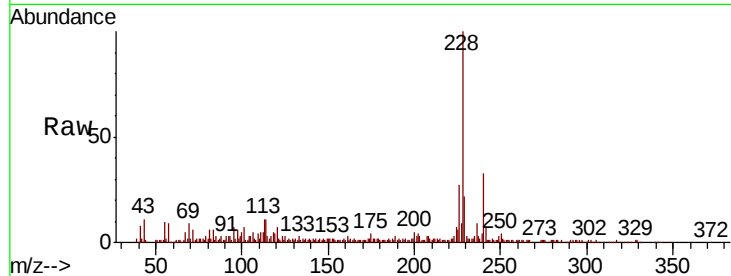




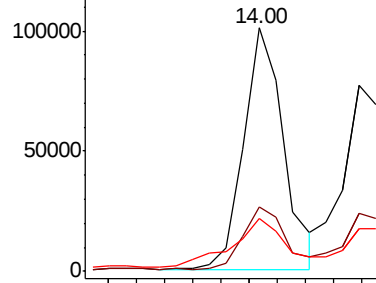
#81
Benzo(a)anthracene
Concen: 7.019 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

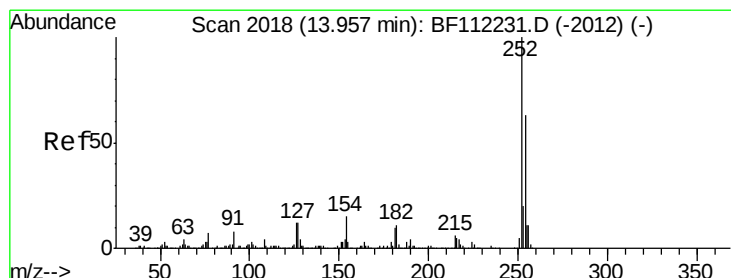
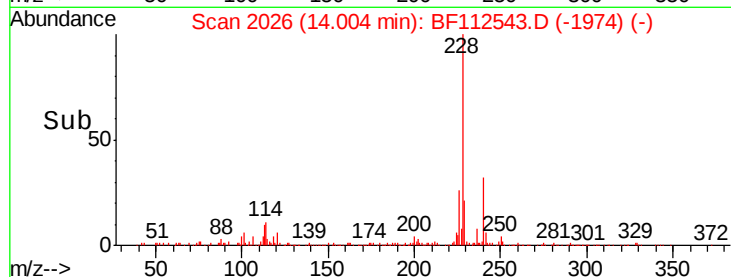
Tgt Ion:228 Resp: 98381
Ion Ratio Lower Upper
228 100
226 26.6 22.6 34.0
229 21.9 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

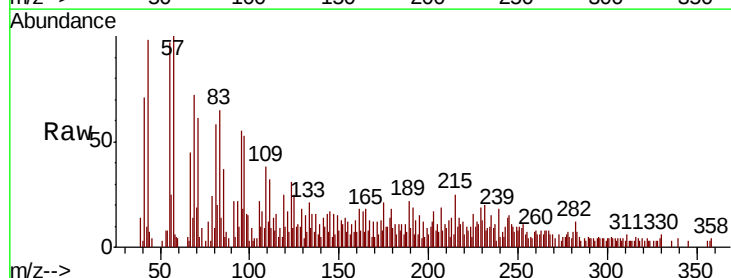


Time-->

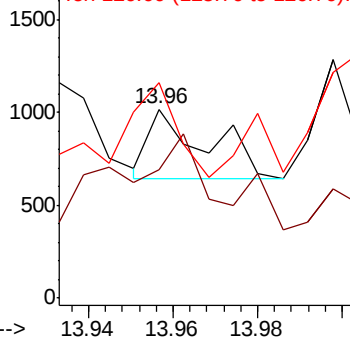


#82
3,3'-Dichlorobenzidine
Concen: 0.068 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

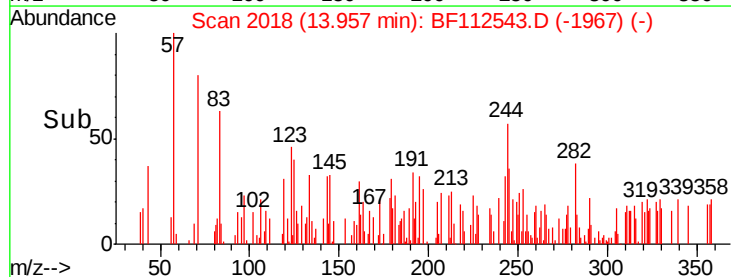
Tgt Ion:252 Resp: 359
Ion Ratio Lower Upper
252 100
254 67.9 51.6 77.4
126 114.0 8.6 12.8#

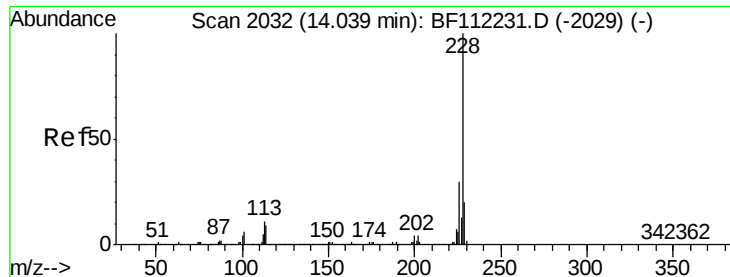


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 6.029 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

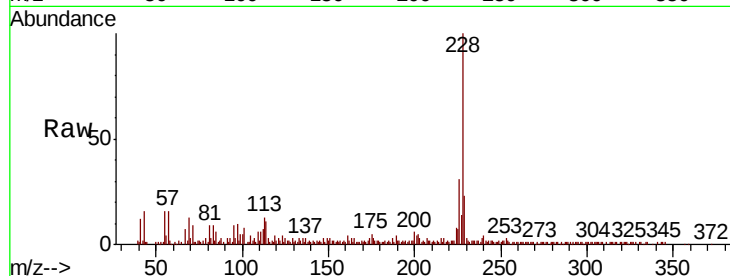
Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

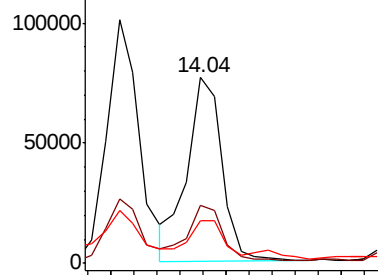
Tgt Ion:	228	Resp:	80660
Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	23.0	16.6	24.8



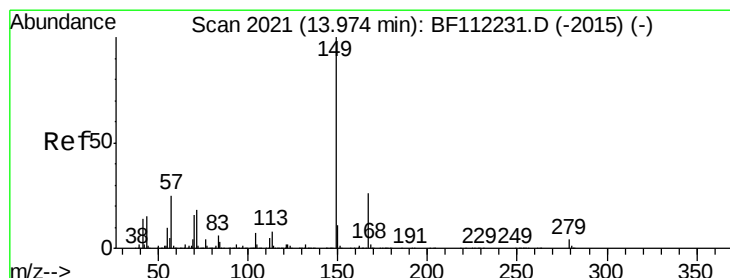
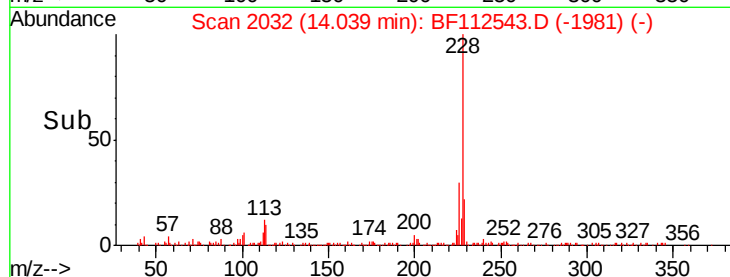
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.186 ng

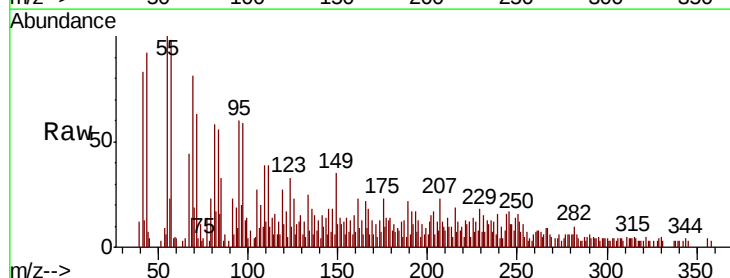
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

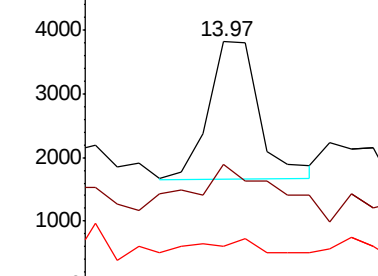
Tgt Ion:	149	Resp:	2114
Ion	Ratio	Lower	Upper
149	100		
167	49.7	22.5	33.7#
279	16.2	3.8	5.6#



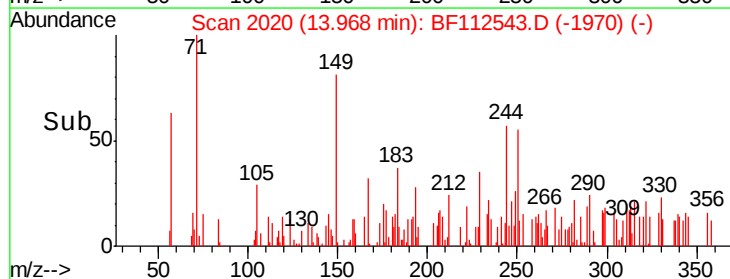
Abundance Ion 149.00 (148.70 to 149.70): E

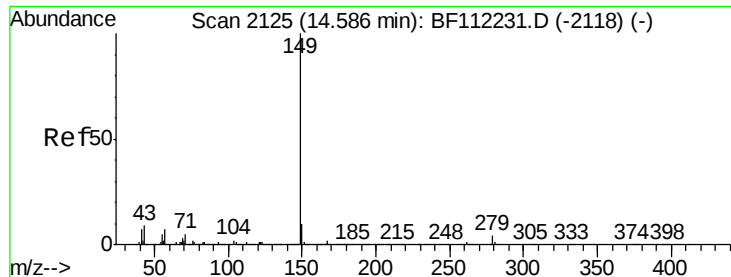
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 0.093 ng

RT: 14.60 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

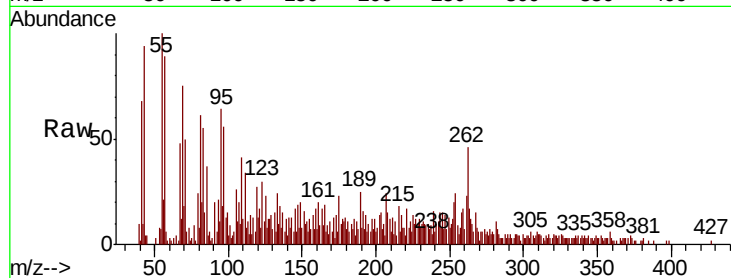
Tgt Ion:149 Resp: 1628

Ion Ratio Lower Upper

149 100

167 46.3 1.3 1.9#

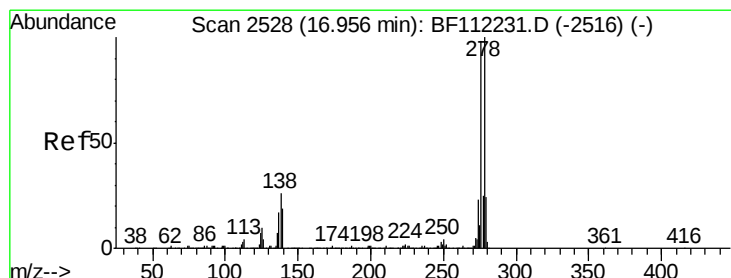
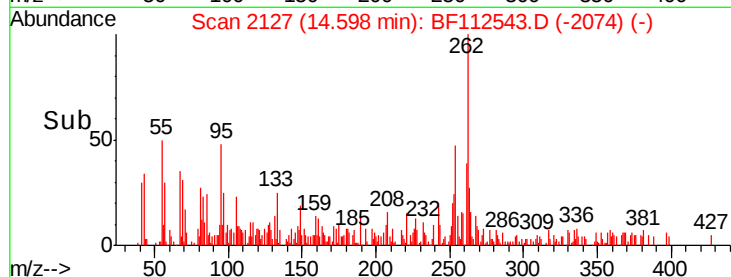
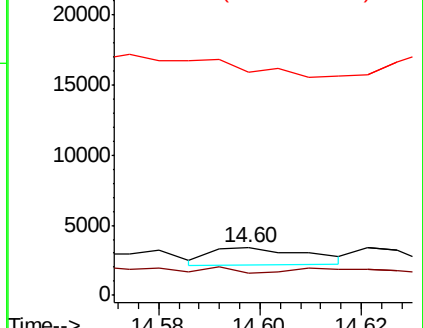
43 0.0 7.8 11.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.710 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.05 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

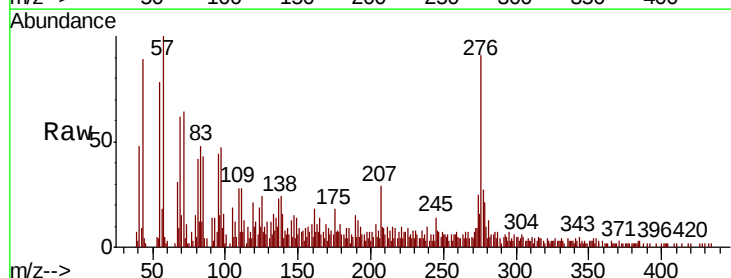
Tgt Ion:276 Resp: 28732

Ion Ratio Lower Upper

276 100

138 23.8 22.6 34.0

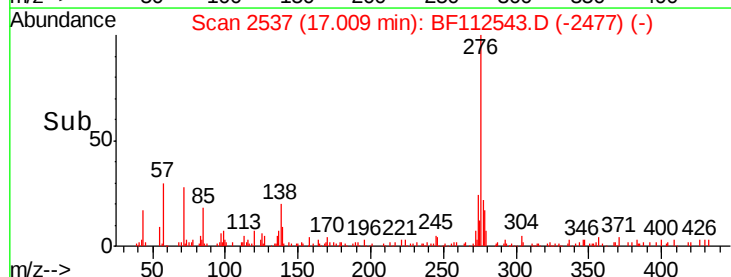
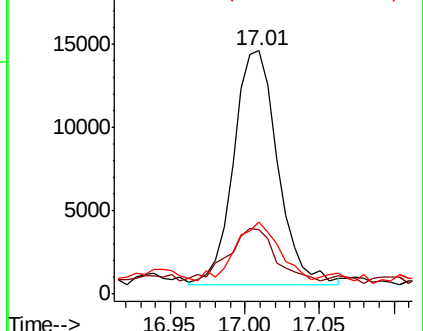
277 25.3 20.3 30.5

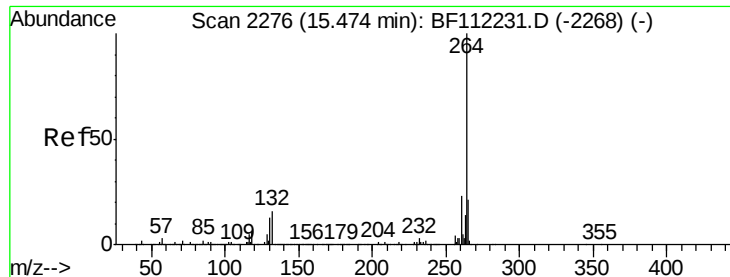


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

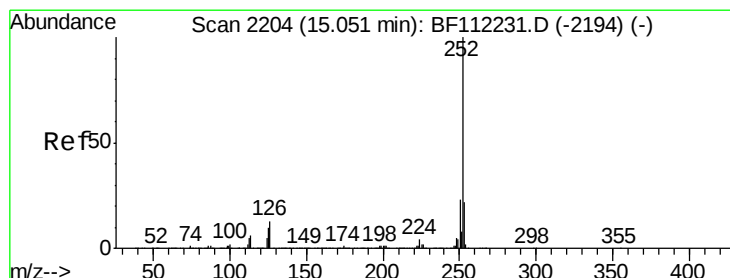
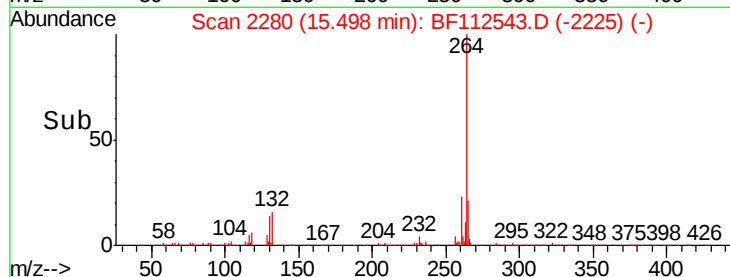
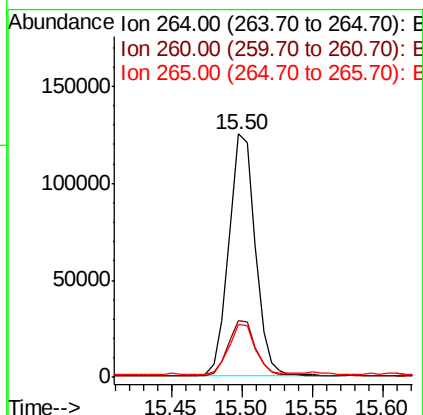
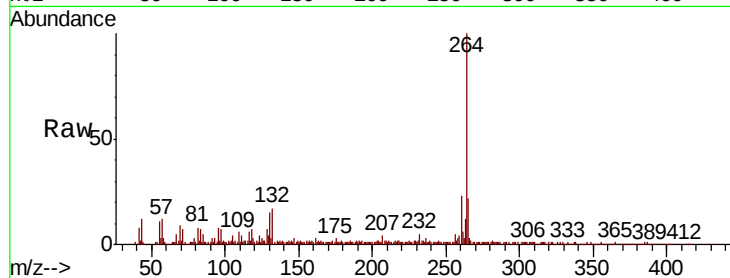




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

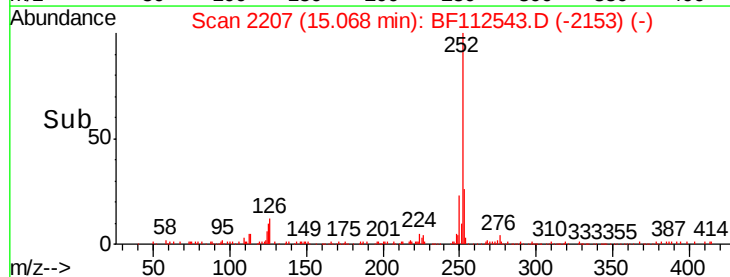
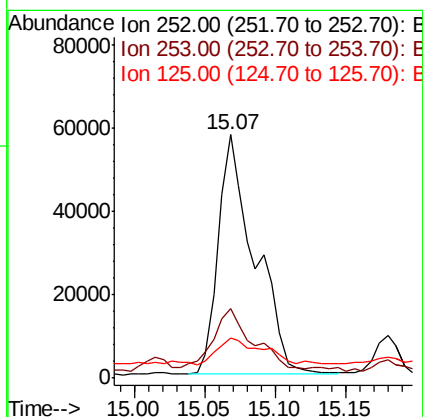
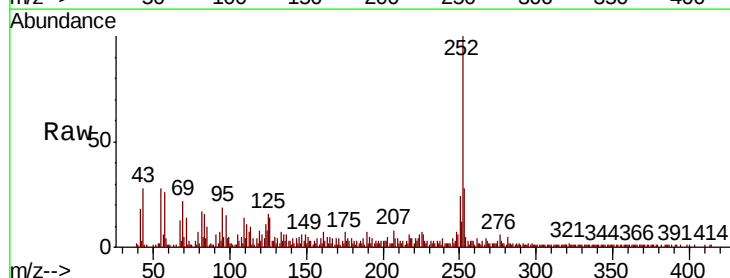
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

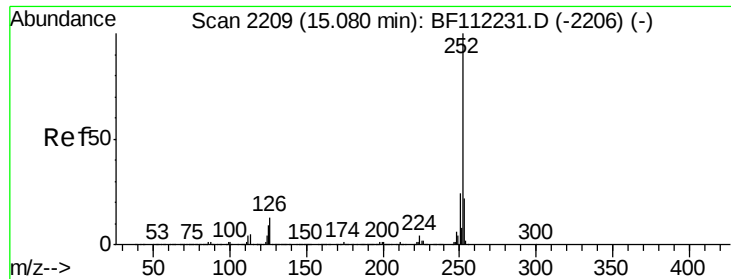
Tgt Ion:264 Resp: 164004
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.2
265 21.8 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 10.542 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Tgt Ion:252 Resp: 103399
Ion Ratio Lower Upper
252 100
253 28.5 18.0 27.0#
125 16.3 8.7 13.1#

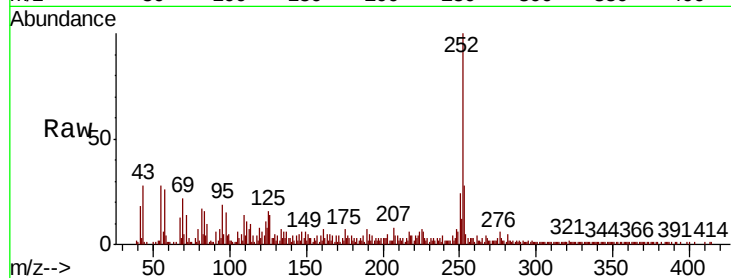




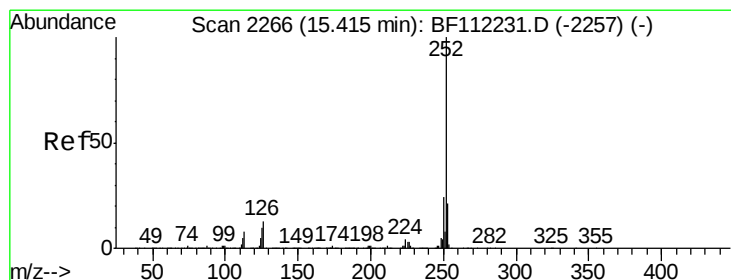
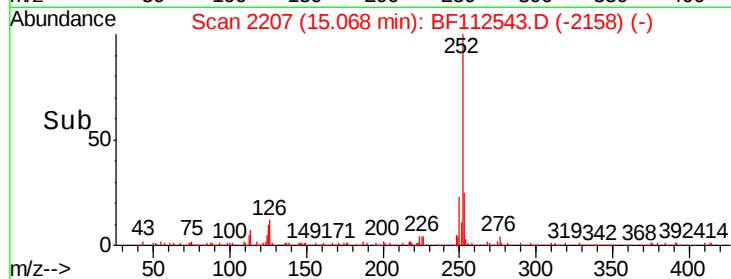
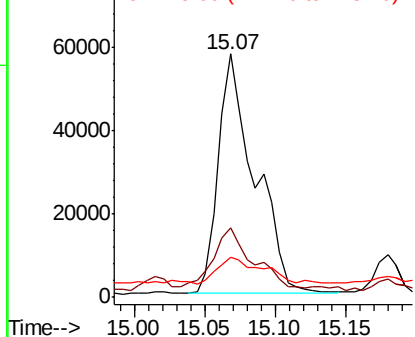
#89
Benzo(k)fluoranthene
Concen: 11.006 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.5	18.0	27.0#
125	16.3	9.1	13.7#

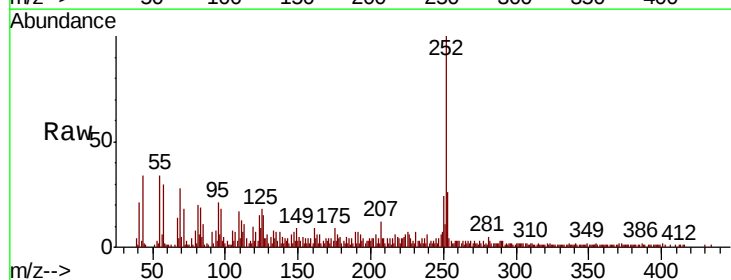


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

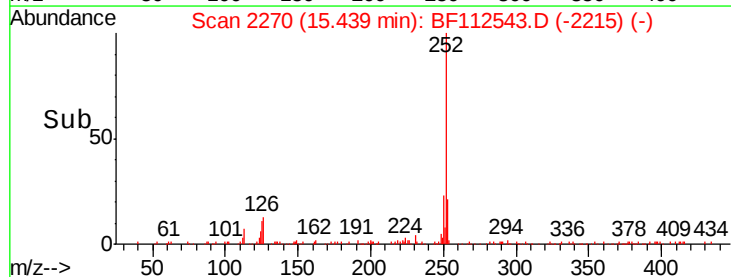
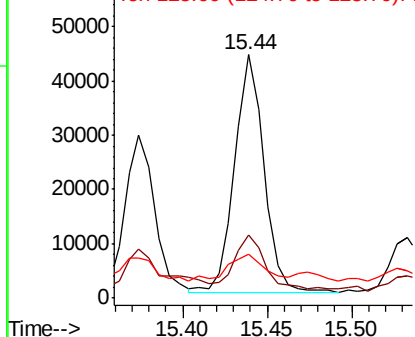


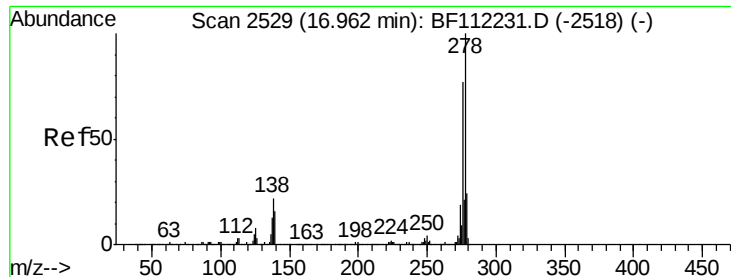
#90
Benzo(a)pyrene
Concen: 6.061 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF112543.D
Acq: 13 Feb 2019 17:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.5	26.3
125	17.8	9.0	13.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 1.051 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.04 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-O

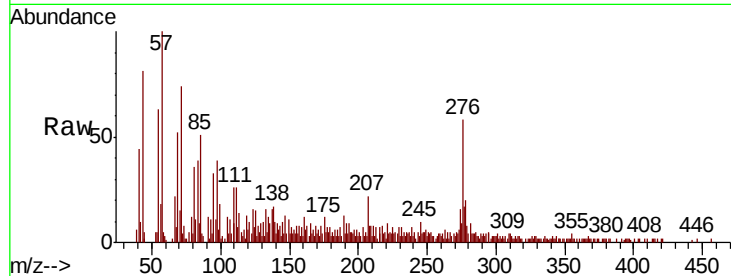
Tgt Ion:278 Resp: 7479

Ion Ratio Lower Upper

278 100

139 53.0 13.7 20.5#

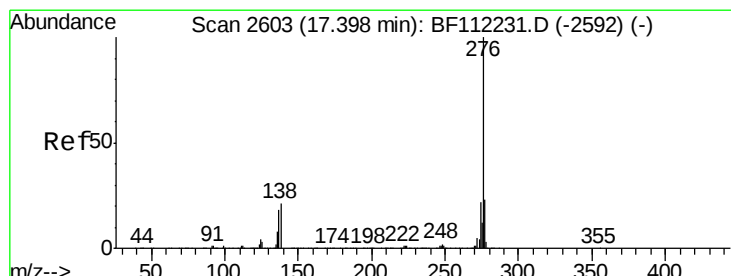
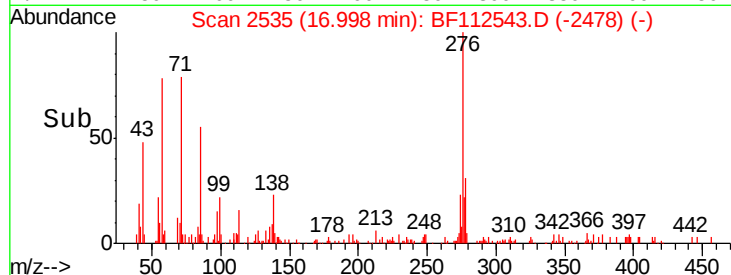
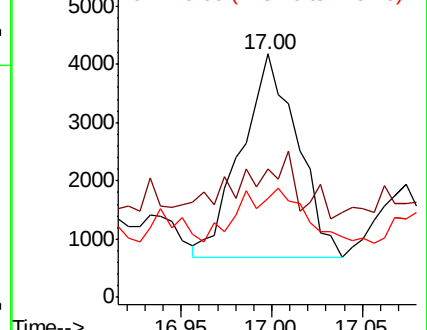
279 40.9 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 4.337 ng

RT: 17.46 min Scan# 2614

Delta R.T. 0.06 min

Lab File: BF112543.D

Acq: 13 Feb 2019 17:13

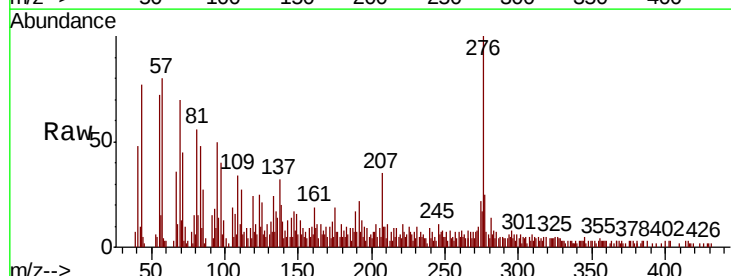
Tgt Ion:276 Resp: 29103

Ion Ratio Lower Upper

276 100

277 25.1 19.4 29.0

138 19.8 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

